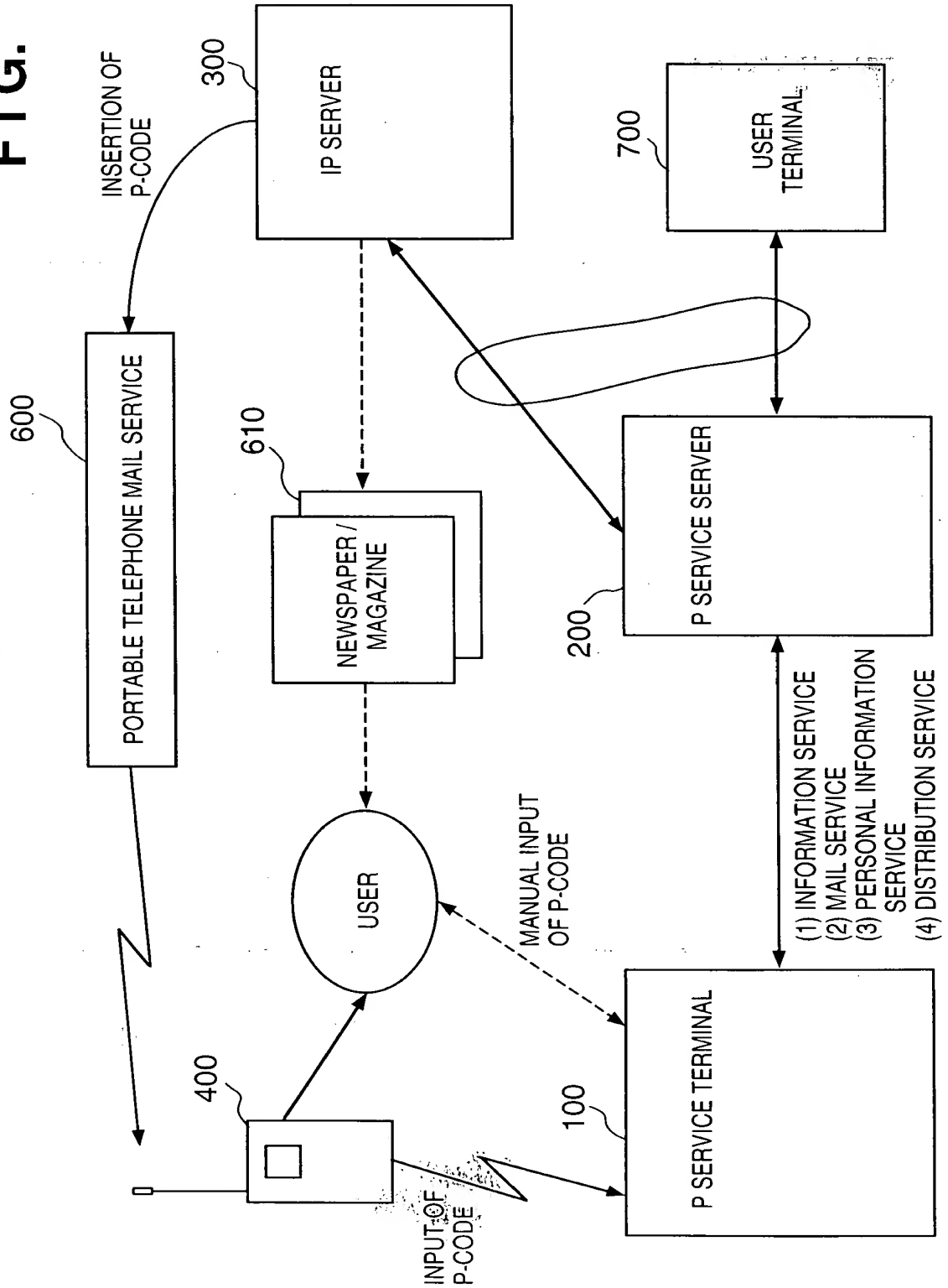
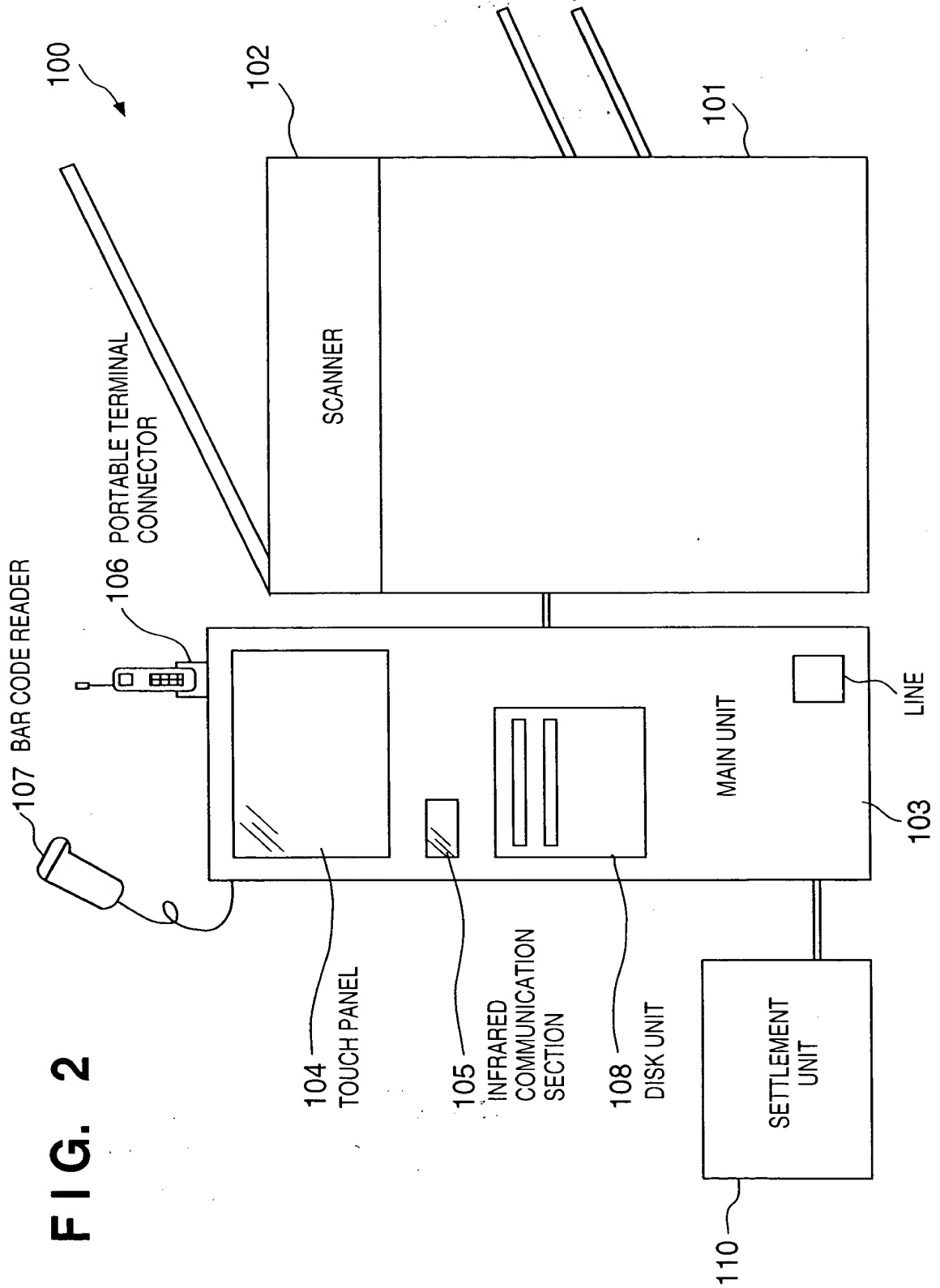


FIG. 1





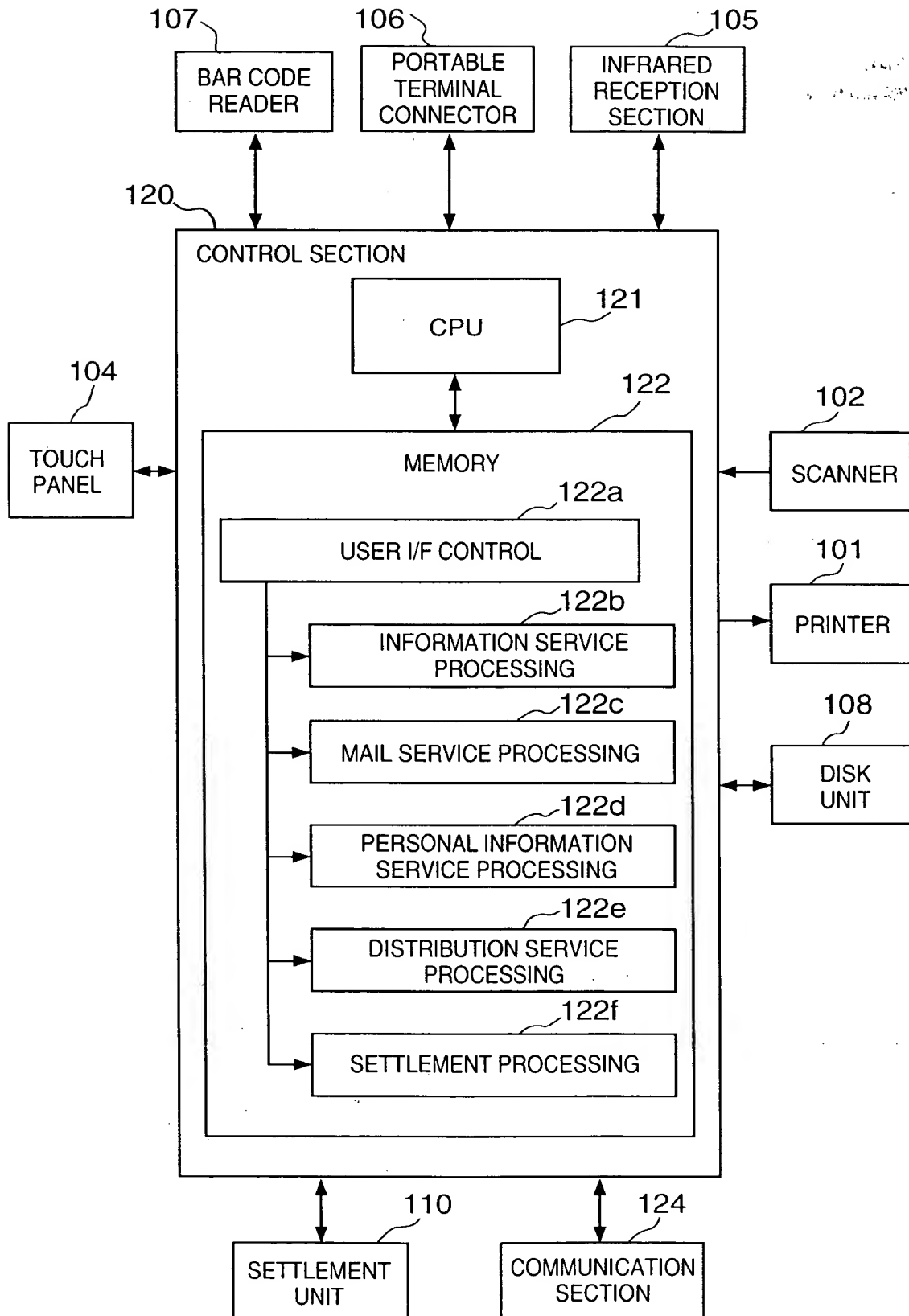


FIG. 4

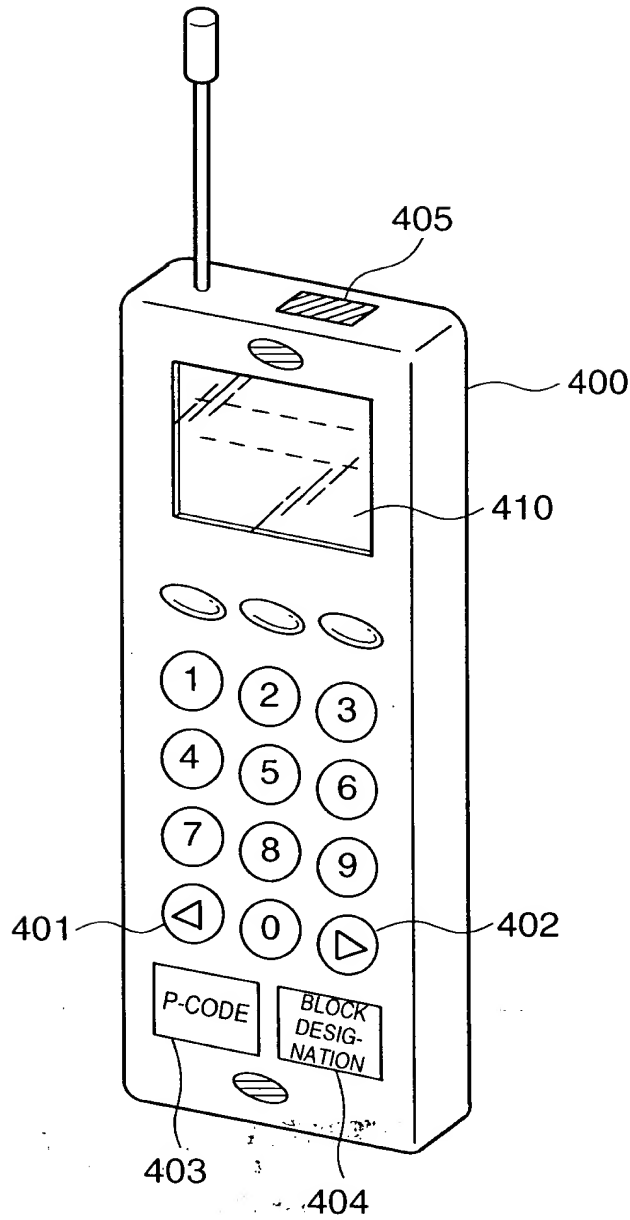


FIG. 5

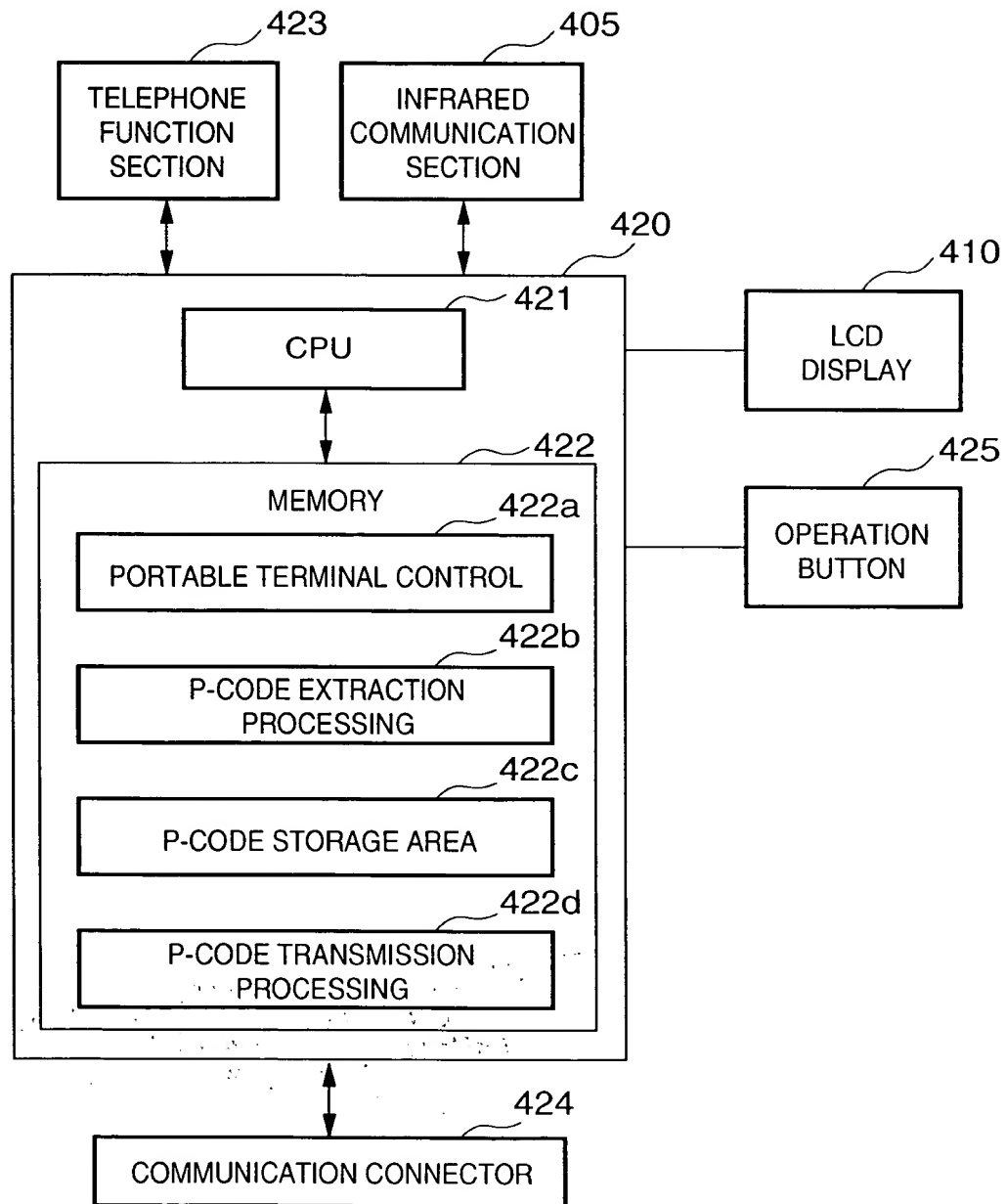
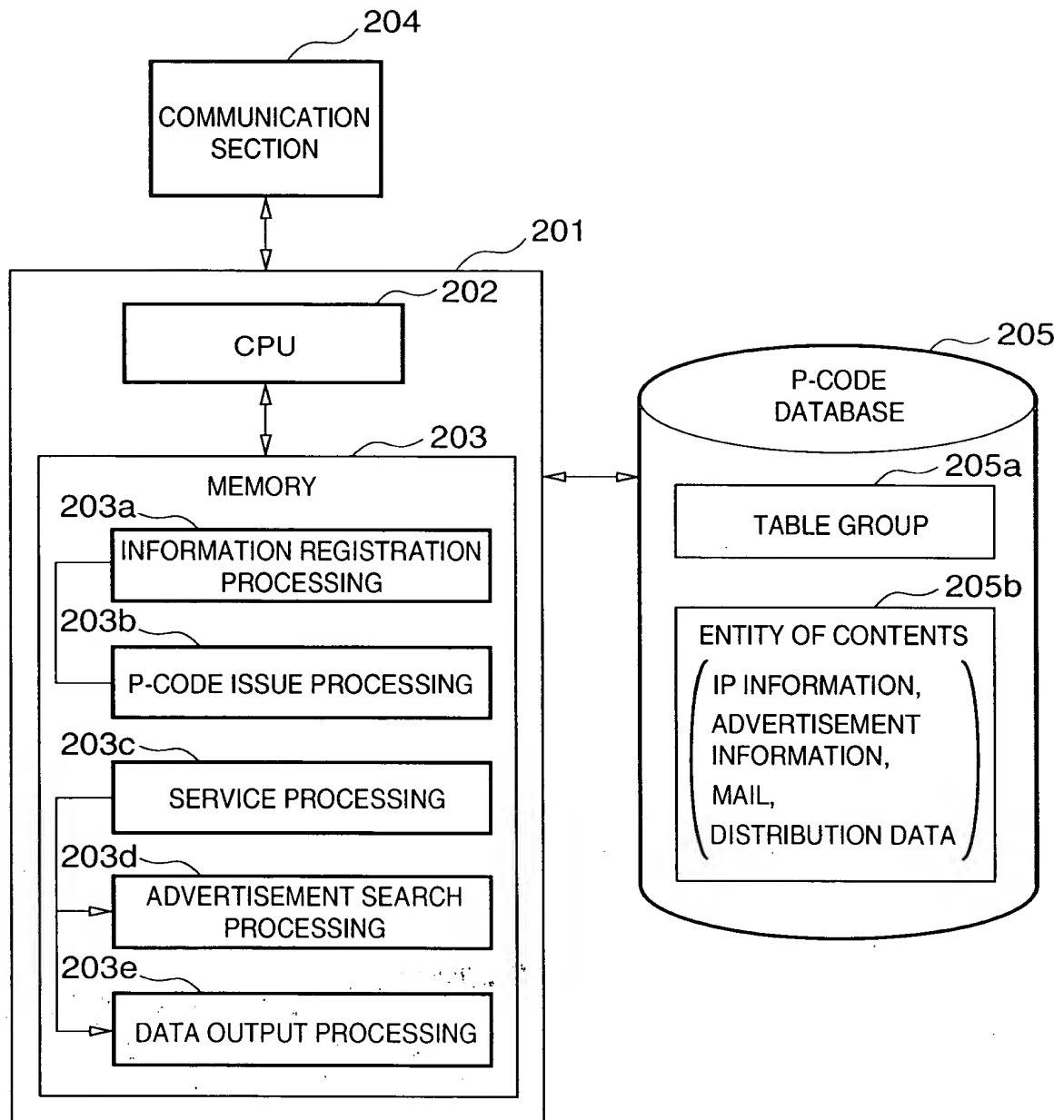


FIG. 6



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FIG. 7

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IP INFORMATION REGISTRATION TABLE		
P-CODE	IDENTIFICATION SECTION	PARENT CODE SECTION FLAG REPRESENTING WHETHER Sub-code IS PRESENT Sub-code SECTION LINK
	BASIC PROPERTIES	LINKED P-CODE
		OWNER ID
		TITLE SUBTITLE (SUMMARY) STATUS PRICE OF INFORMATION SIZE ADVERTISEMENT INSERTION ENABLE / DISABLE CONDITION PASSWORD FOR INFORMATION DATA OF START OF INFORMATION INSERTION TERM OF INFORMATION VALID DATES OF CODE MINIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE GENRE SUBGENRE REGION CODE KEYWORD LIST KEYWORD WEIGHT LIST
		REGISTERED, USABLE, SUSPENDED, ABOLISHED
	FRAME INFORMATION	FOR INFORMATION WITH REGIONAL CHARACTERISTICS
	NONLINK INFORMATION	
	ENTITY FILE INFORMATION	
		P-CODE P-CODE LINKED TO THIS INFORMATION NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

ADVERTISEMENT INFORMATION TABLE					
P-CODE	ADVERTISEMENT PROPERTIES	OWNER ID			
		DATE OF START OF ADVERTISEMENT INSERTION TERM OF ADVERTISEMENT LINK INFORMATION TO IP INFORMATION			
		SIZE OF ADVERTISEMENT PORTRAIT / LANDSCAPE ADVERTISEMENT SIZE ADJUSTMENT METHOD SETTING OF ADVERTISEMENT INSERTION POSITION UPPER LIMIT OF AMOUNT ADVERTISEMENT PRICE INFORMATION (UNIT PRICE) UPPER LIMIT OF PRINTING COUNT CURRENT PRINTING COUNT			
	LINK	P-CODE			
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)			
		TYPE OF LINK METHOD TARGET KEYWORD LIST TARGET KEYWORD WEIGHT LIST			



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FIG. 9

USER INFORMATION TABLE

P-CODE OF USER (TELEPHONE NUMBER)	USER PROFILE	POSTAL CODE	
		ADDRESS TYPE OF SERVICE TO USE NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
		BIRTHDAY / BLOOD TYPE / SEX FINAL SCHOOL CARRIER / OCCUPATION ID / OCCUPATION (OTHERS) MARRIED / SINGLE / NUMBER OF FAMILY NUMBERS / INCOME / AMOUNT OF SAVING HOUSE IN POSSESSION OR NOT / CAR / PISTON DISPLACEMENT / MODEL MOTORCYCLE / PISTON DISPLACEMENT / MODEL CURRENT PET / DESIRED PET HOBBY / MUSIC / MOVIE SPECTATOR SPORTS / SPORTS / FISHING GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST) TO ANOTHER DB	
	PERSONAL INFORMATION TABLE		
	MAIL SERVICE INFORMATION	NUMBER OF MAIL MESSAGES MAXIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF MAIL MESSAGES)	
	DISTRIBUTION SERVICE INFORMATION	NUMBER OF REGISTERED DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF DISTRIBUTED DATA)	
	PERSONAL INFORMATION SERVICE INFORMATION	NUMBER OF FRAME DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF FRAME DATA)	

FIG. 10

MAIL SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF MAIL	SUBJECT SENDER DATE AND TIME OF TRANSMISSION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

FIG. 11

DISTRIBUTION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER-NUMBER)	PROPERTIES OF REGISTERED INFORMATION	TITLE* DATE OF INFORMATION REGISTRATION VALID DATES OF INFORMATION PASSWORD (PASSWORD) FOR INFORMATION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

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FIG. 12

PERSONAL INFORMATION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF PERSONAL P-CODE INFORMATION	TITLE DATE OF FINAL PRINTING PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
	REGISTERED P-CODE INFORMATION	NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)	

FIG. 13

PERSONAL INFORMATION TABLE

USER-ID	PHONETIC TRANSCRIPTION (LAST NAME) PHONETIC TRANSCRIPTION (FAMILY NAME) NAME (FAMILY NAME) NAME (FIRST NAME) NAME (MIDDLE NAME) POSTAL CODE ADDRESS TELEPHONE NUMBER FAX NUMBER PORTABLE TELEPHONE NUMBER E-MAIL ADDRESS PASSWORD NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY PAYER INFORMATION  USE DISK AREA INFORMATION CHARGE RECORD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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FIG. 14

OWNER INFORMATION TABLE		SAME AS PERSONAL INFORMATION TABLE	
USER-ID		NAME OF COMPANY / NAME POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY E-MAIL ADDRESS OF PERSON IN CHARGE PASSWORD BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION PAYER INFORMATION	
			BANK OF PAYER BANK ACCOUNT OF PAYER CONTRACT TERM
			USE DISK AREA INFORMATION CHARGE RECORD

FIG. 15

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TERMINAL INFORMATION TABLE

TERMINAL ID	OWNER ID REGION INFORMATION TYPE OF TERMINAL REGION INFORMATION  VERSION OF TERMINAL VERSION OF TERMINAL SOFTWARE TERMINAL INPUT DEVICE INFORMATION CAPACITY OF TERMINAL STORAGE DEVICE TERMINAL OUTPUT DEVICE INFORMATION LANGUAGE PRINTING ABILITY  TERMINAL STATE INFORMATION	
		COUNTRY ADDRESS
		PAPER SIZE DOUBLE SIDE / ONE SIDE COLOR / MONOCHROME PRINTING SPEED FONT
		PRINTING SPOOL STATE INFORMATION OF REMAINING CAPACITY OF STORAGE DEVICE P-CODE CACHE STATE

FIG. 16

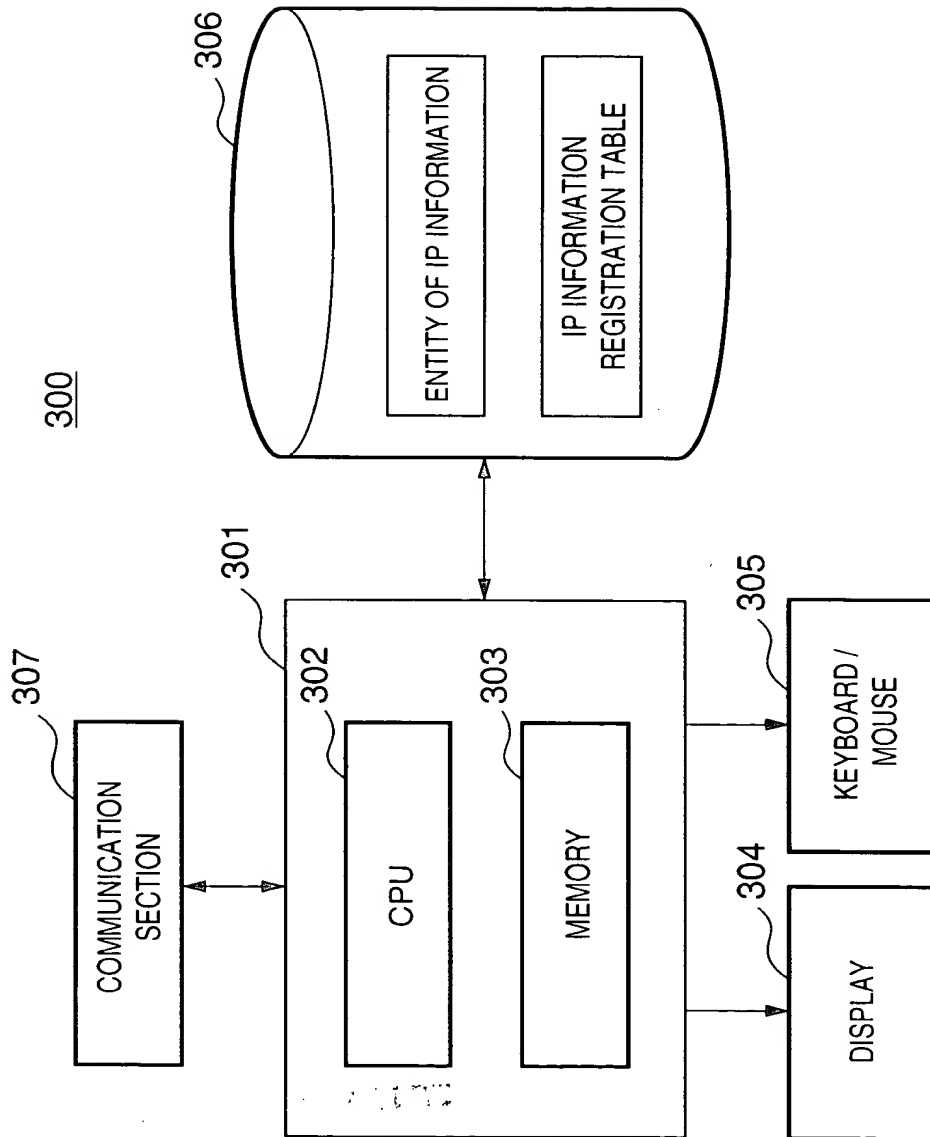
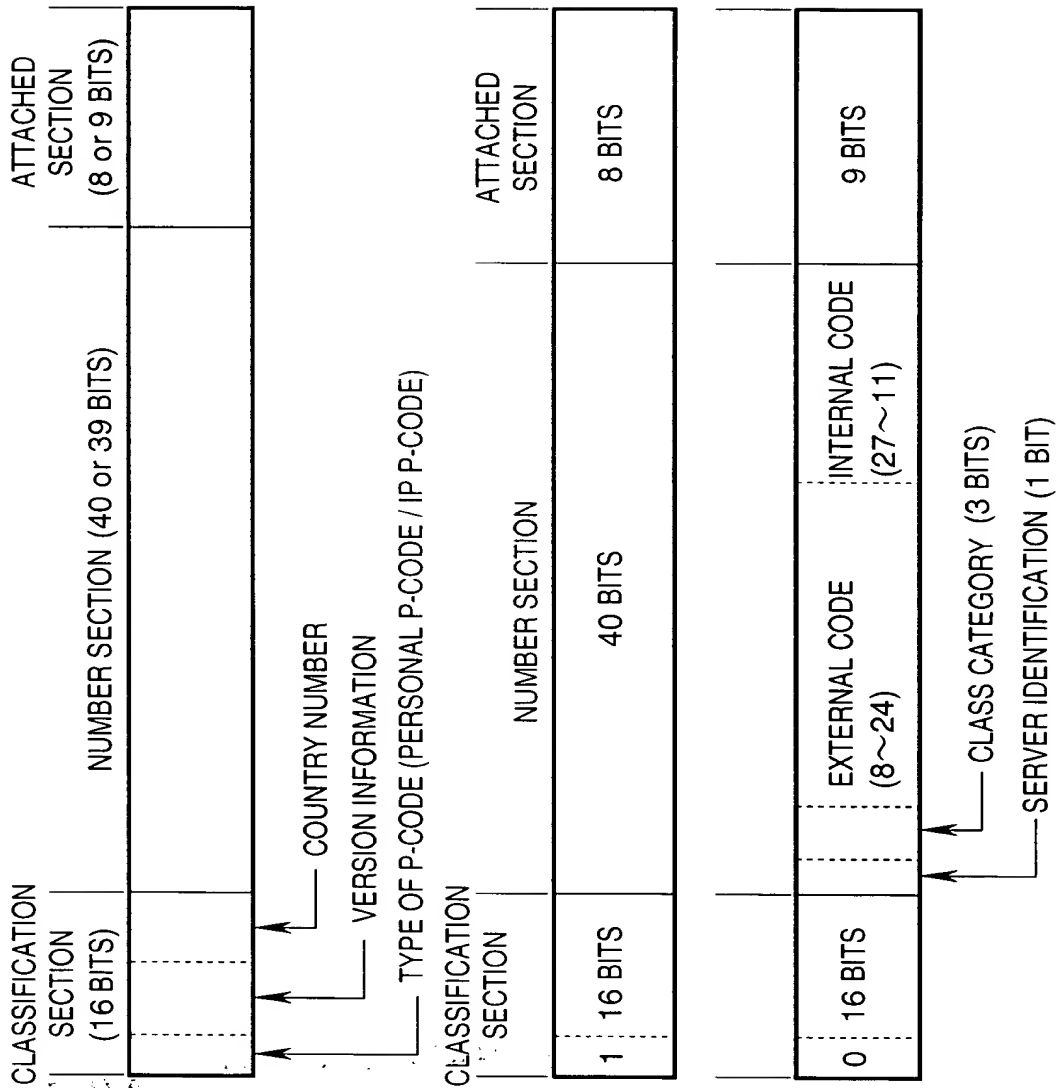


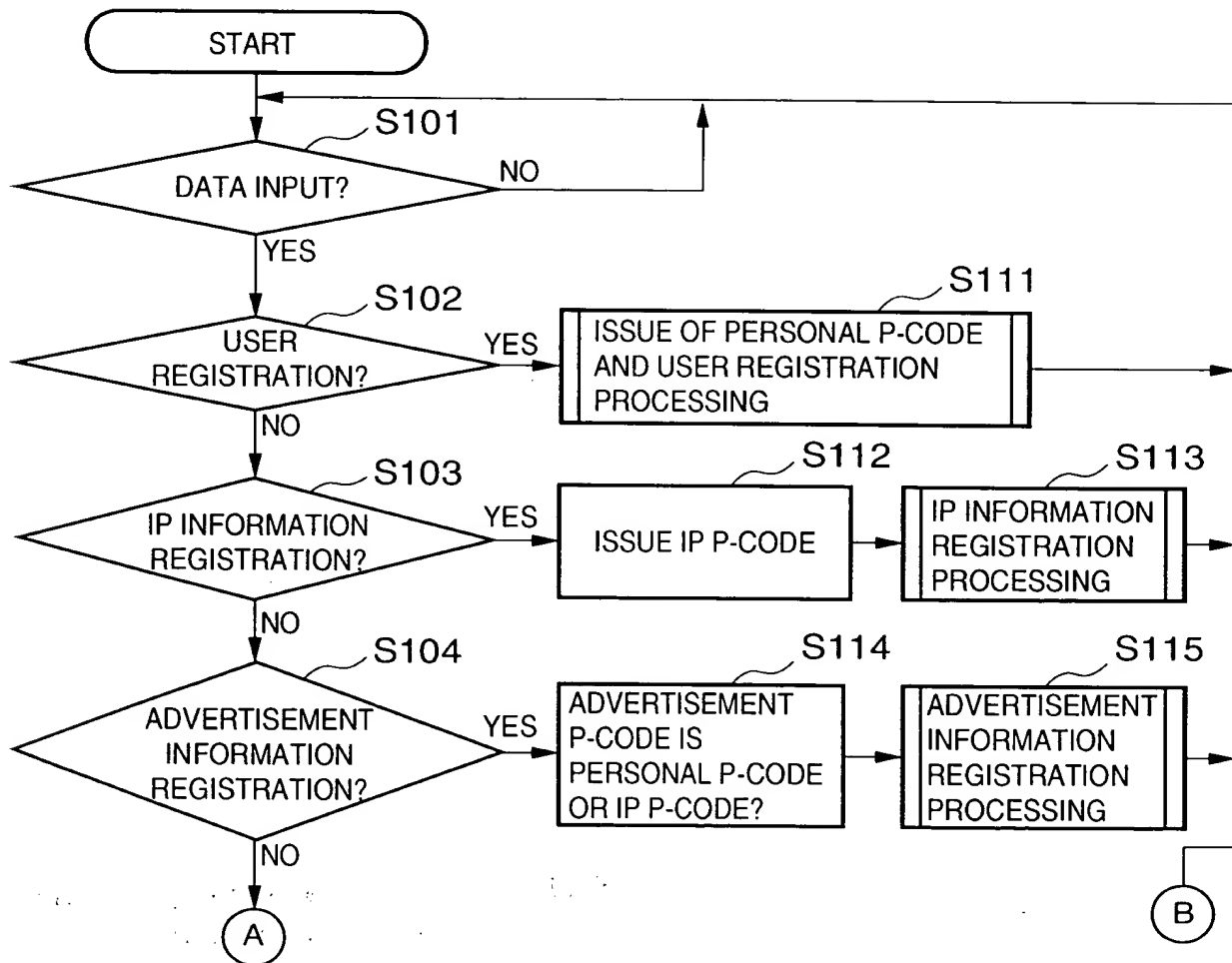


FIG. 17



Bit	CONTENTS OF P-CODE				
1	0 : INFORMATION P-CODE (BIT REPRESENTING WHETHER P-CODE IS TELEPHONE CODE)				
2 ~ 8	VERSION BITS (7 BITS)				
9 ~ 16	COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)				
17	CanDI SERVER IDENTIFICATION BIT (= 1 : CanDI SERVER)				
18 19 20	IP SCALE IDENTIFICATION BITS (3 BITS) (= 1 : MINIMAL SCALE, = 2 : SMALL SCALE, = 3 : MEDIUM SCALE, = 4 : LARGE SCALE, = 5 : MAXIMAL SCALE)				
21 ~ 28	SITE IDENTIFICATION BITS (24 BITS) (FOR IP IN MINIMAL SCALE), NUMBER OF REGISTERABLE IPS IS 16,000,000	SITE IDENTIFICATION BITS (20 BITS) (FOR IP IN SMALL SCALE), NUMBER OF REGISTERABLE IPS IS 1,048,575	SITE IDENTIFICATION BITS (16 BITS) (FOR IP IN MEDIUM SCALE), NUMBER OF REGISTERABLE IPS IS 65,535	SITE IDENTIFICATION BITS (12 BITS) (FOR IP IN LARGE SCALE), NUMBER OF REGISTERABLE IPS IS 2,047	SITE IDENTIFICATION BITS (8 BITS) (FOR IP IN MAXIMAL SCALE AND CanDI SERVER), THE MAXIMUM NUMBER OF REGISTERABLE IPS IS 256
29 ~ 32					INDIVIDUAL INFORMATION ID BITS (27 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000 PIECES OF INFORMATION
33 ~ 36					INDIVIDUAL INFORMATION ID BITS (23 BITS), EACH IP CAN REGISTER UP TO ABOUT 8,000,000 PIECES OF INFORMATION
37 ~ 40					INDIVIDUAL INFORMATION ID BITS (19 BITS), EACH IP CAN REGISTER UP TO ABOUT 500,000 PIECES OF INFORMATION
41 ~ 44					INDIVIDUAL INFORMATION ID BITS (15 BITS), EACH IP CAN REGISTER UP TO ABOUT 32,767 PIECES OF INFORMATION
45 ~ 55					INDIVIDUAL INFORMATION ID BITS (11 BITS), EACH IP CAN REGISTER UP TO ABOUT 2,047 PIECES OF INFORMATION
56 57 58 59	SURFIX (9 BITS), 512 PIECES AT MAXIMUM				
60 61 62 63 64					
					TYPE OF SURFIX (3 BITS), 7 TYPES AT MAXIMUM
					SURFIX (5 BITS), 31 PIECES AT MAXIMUM

FIG. 19



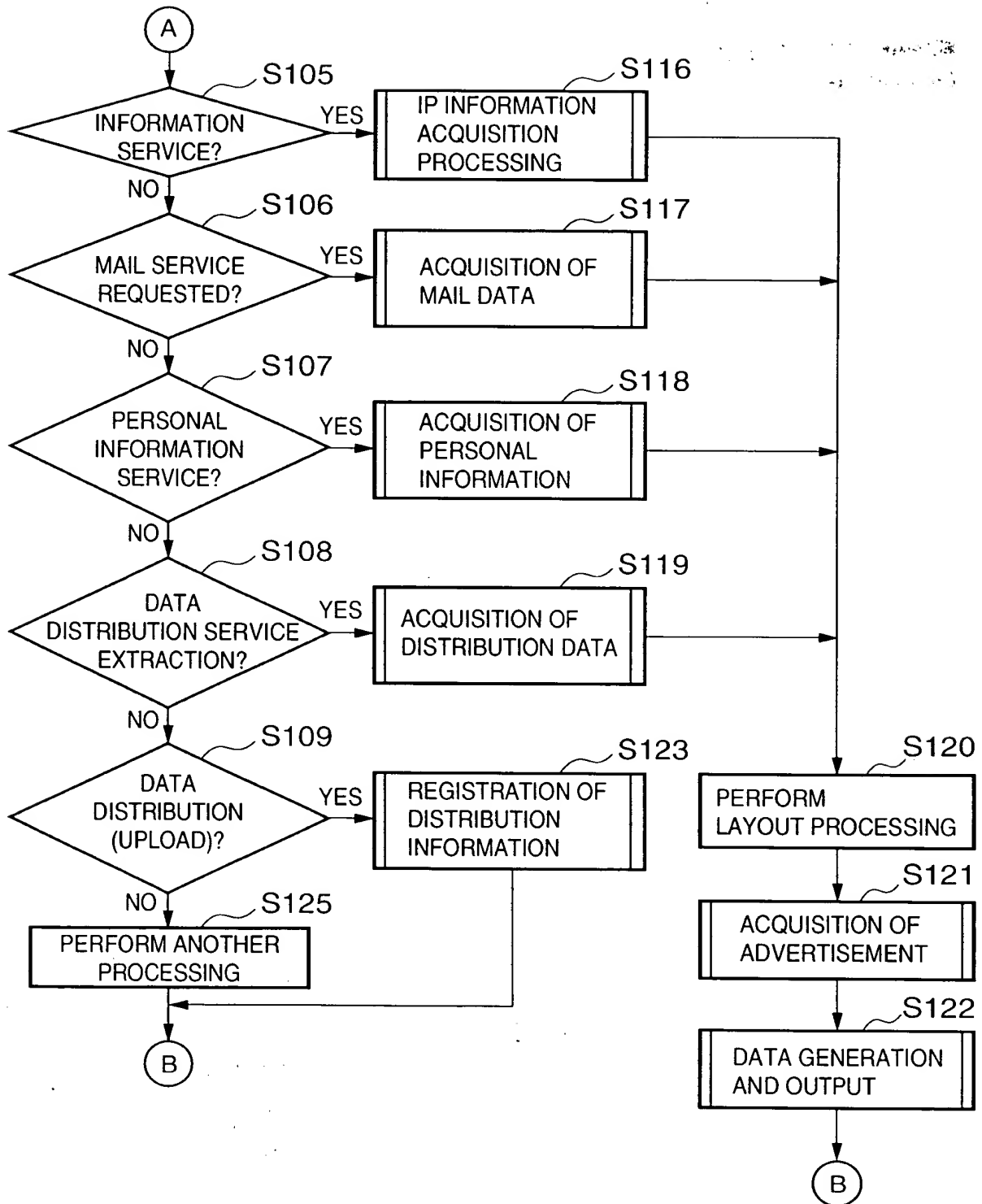


FIG. 21

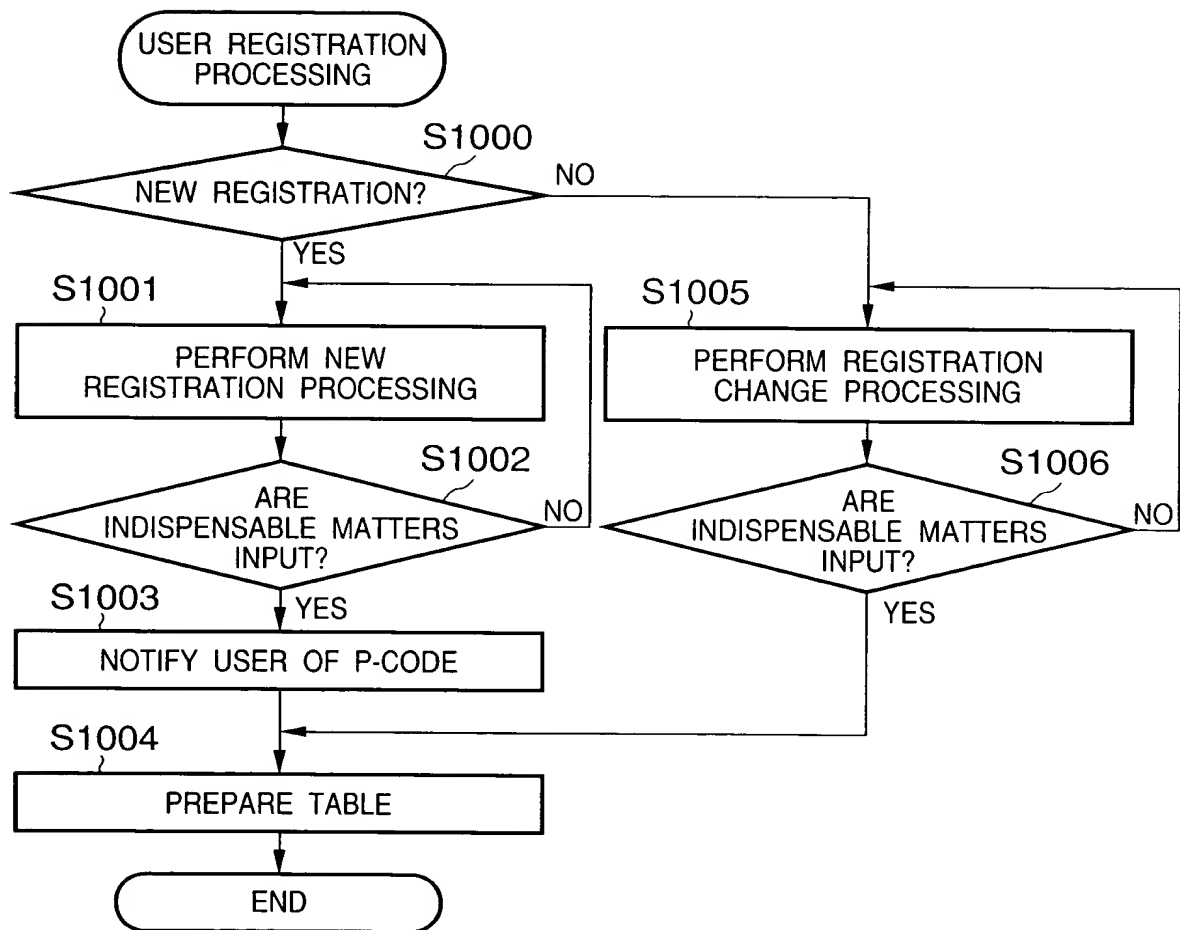


FIG. 22

USER ID : NEW REGISTRATION

1000	NAME / ADDRESS (N)	PASSWORD (P)	1010
1020	PLACE OF EMPLOYMENT (A)	CREDIT CARD (C)	1030
1040	SERVICE (S)	PERSONAL INFORMATION (U)	1050
1060	PERSONAL INFORMATION 2 (D)	DESIRED INFORMATION (T)	1070
1080	PRINTING PAPER (Q)	FAVORITE INFORMATION REGISTRATION (R)	1090

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FIG. 23

			<input type="button" value="X"/>		
PHONETIC TRANSCRIPTION (K) :	<input type="text" value="KOSUGI"/>		<input type="text" value="TARO"/>		
NAME (N) :	<input type="text" value="KOSUGI"/>		<input type="text" value="TARO"/>		
HOME					
POSTAL CODE (Z) :	<input type="text" value="211"/>	-	<input type="text" value="0000"/>		
ADDRESS (A) :	<input type="text" value="10-2, 5-CHOME, KAWASAKI-SHI, TOKYO"/>				
TELEPHONE NUMBER (T) :	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
FAX NUMBER (F) :	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
PORTABLE TELEPHONE NUMBER (C) :	<input type="text" value="090"/>	-	<input type="text" value="0289"/>	-	<input type="text" value="2345"/>
E-MAIL ADDRESS (E) :	<input type="text" value="kosugi@canon"/>				
			<input type="button" value="OK"/>		
			<input type="button" value="CANCEL"/>		

FIG. 24

USER ID : NEW REGISTRATION MEMBER

PASSWORD (P) : \* \*

PASSWORD (FOR CONFIRMATION\_) (Q) :

OK CANCEL

007110-10241500



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FIG. 25

PLACE OF EMPLOYMENT

NAME OF COMPANY (C): CANON INC.

BUSINESS CATEGORY (K): MANUFACTURING ☒ OTHERS ☐

NAME OF DEPARTMENT / SECTION (D): MA PROJECT

POST (&P): SECTION MANAGER JOB (B): TECHNICAL EMPLOYEE

POSTAL CODE (Z): 211 - 0000

ADDRESS (A): 1-2-5, YAMASHITA-CHO, CHUO-KU, KAWASAKI-SHI

TELEPHONE NUMBER (T): 044 | - -

FAX NUMBER (F): - -

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FIG. 26

CREDIT CARD INFORMATION

CARD COMPANY

☐ VISA (V)

☐ MasterCard (M)

☐ AmericanExpress (A)

☐ JCB (J)

☒ DC (D)

CARD NUMBER (N):

0000

-

0000

-

0000

-

0000

VALID DATES (P):

99

/

4

OK

CANCEL

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FIG. 27

A graphical user interface window titled "SELECT SERVICE" is shown. The window has a standard title bar with a close button (X) in the top right corner. Inside the window, there is a list of three services, each preceded by a checkbox:

- ☒ MAIL SERVICE (M)
- ☒ PERSONAL INFORMATION SERVICE (P)
- ☐ DISTRIBUTION SERVICE (R)

At the bottom of the window, there are two buttons: "OK" and "CANCEL".

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FIG. 28

DATE OF BIRTH (B): 99/04/01 BLOOD TYPE (L): A

SEX (S): ☒ MALE ☐ FEMALE

FINAL SCHOOL CARRIER (G): UNIVERSITY/GRADUATE SCHOOL

OCCUPATION (Q): TECHNICAL EMPLOYEE OTHERS»

MARRIED/SINGLE (M): ☒ SINGLE ☐ MARRIED NUMBER OF FAMILY MEMBERS (A): ONE

INCOME (I): ¥ 3,000,000 TO ¥ 5,000,000 AMOUNT OF SAVING (E): ¥ 1,000,000 OR LESS

OK CANCEL

FIG. 29

HOUSE (P) ☐ DETACHED HOUSE ☒ APARTMENT HOUSE ☐ RENTAL HOUSE  
☐ COMPANY HOUSE / DORMITORY ☐ HOUSE OWNED BY RELATIVE

CAR etc. (C) ☒ PRIVATE CAR PISTON DISPLACEMENT 1500~2000  MODEL RV   
☐ MOTOR-CYCLE PISTON DISPLACEMENT  MODEL

PET (P) ☐ PET TYPE   
☒ DESIRED PET TYPE DOG

HOBBY (H) ☒ MUSIC LISTENING FAVORITE GENRE ROCK-'N'-ROLL   
☒ MOVIE GOING FAVORITE GENRE SF   
☒ SPECTATOR SPORTS FAVORITE GENRE PROFESSIONAL BASEBALL   
☒ SPORTS FAVORITE GENRE SANDLOT BASEBALL   
☐ FISHING FAVORITE PLACE

OK CANCEL

DESIRED INFORMATION

☐ ☒ ECONOMY

☐ ☒ MARKET

☐ ☒ MARKET OUTLOOK

☐ ☒ DOMESTIC

☐ ☒ DOMESTIC MARKET OUTLOOK

☐ ☒ MERCHANDISE

☐ ☒ STOCK PRICE

☐ ☒ STOCK PRICE OUTLOOK

☐ ☒ FIRST SECTION OF TOKYO STOCK EXCHANGE

☐ ☒ DOW-JONES AVERAGE

☐ ☒ SPECIALLY DESIGNATED STOCK

☐ ☒ SECOND SECTION OF TOKYO STOCK EXCHANGE

☐ ☒ INTERNATIONAL

☐ ☒ EXCHANGE

☐ ☒ EXCHANGE OUTLOOK

☐ ☒ EACH MARKET

☐ ☒ ENTERTAINMENT

☐ ☒ SPORTS

KEYWORD SEARCH

SEARCH

OK

CANCEL

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FIG. 31

AUTOMATIC LAYOUT SETTING

☒ VISIBILITY PRIORITY    ☐ PAGE COUNT PRIORITY

☐ DESIGNATE DEFAULT LAYOUT (D)  
LAYOUT 1

DETAILS (P)

DEFAULT PAPER

PAPER SIZE (S) A4

DIRECTION OF PAPER (L) ☒ PORTRAIT ☐ LANDSCAPE

☒ PRIORITY TO DOUBLE-SIDE PRINTING (R)

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FIG. 32

USER ID : 09001234567

1000'	NAME / ADDRESS ( <u>N</u> )	PASSWORD ( <u>P</u> )	1010'
1020'	PLACE OF EMPLOYMENT ( <u>A</u> )	CREDIT CARD ( <u>C</u> )	1030'
1040'	SERVICE ( <u>S</u> )	PERSONAL INFORMATION ( <u>U</u> )	1050'
1060'	PERSONAL INFORMATION 2 ( <u>D</u> )	DESIRED INFORMATION ( <u>T</u> )	1070'
1080'	PRINTING PAPER ( <u>Q</u> )	FAVORITE INFORMATION REGISTRATION ( <u>R</u> )	1090'

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FIG. 33

USER ID : 09082937251

CURRENT PASSWORD (C) : \* \* \* \*

PASSWORD (P) : \* \* \* \*

PASSWORD (FOR CONFIRMATION) (Q) : \* \*

OK CANCEL

FIG. 34

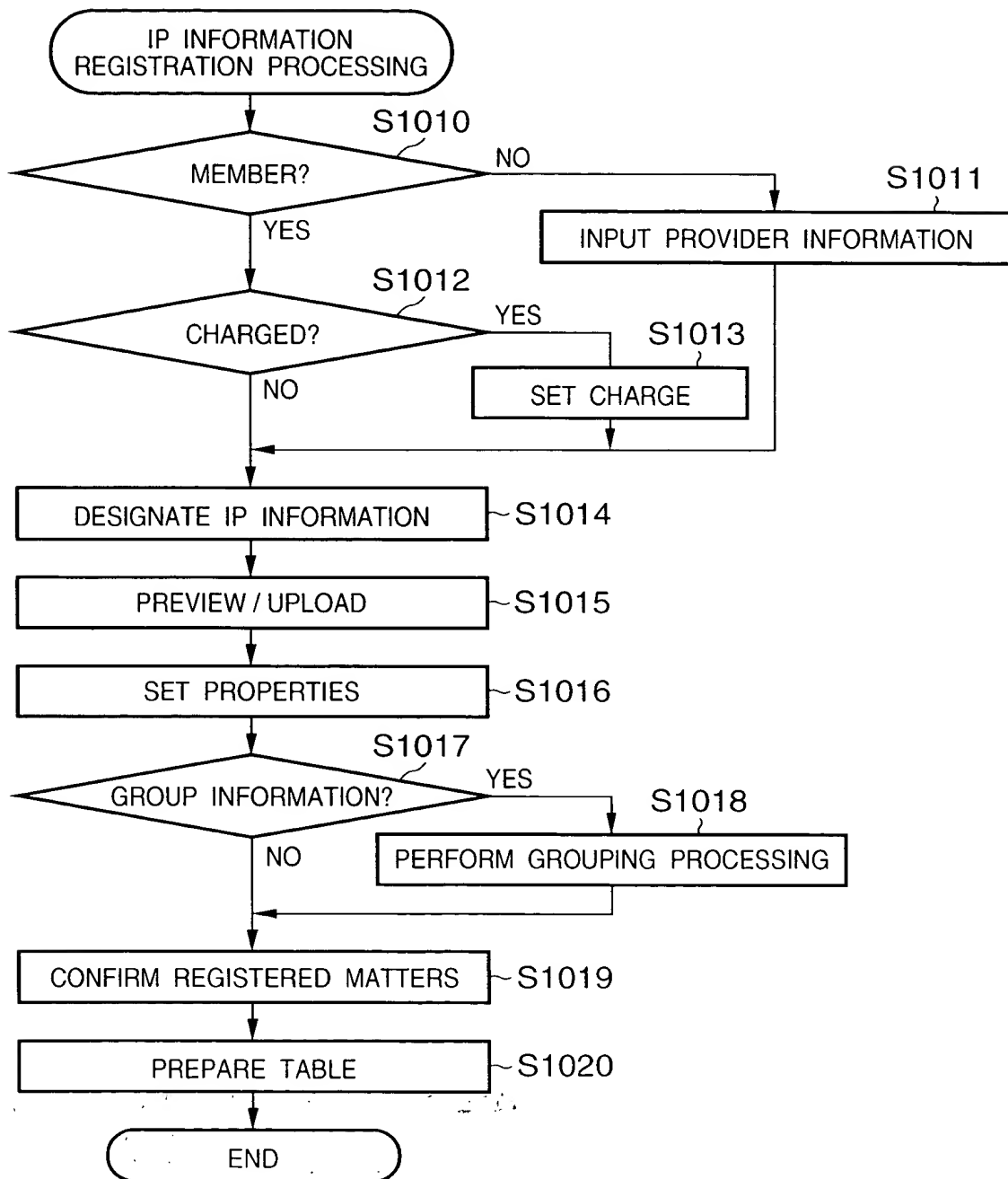


FIG. 35

ARE YOU A MEMBER?

☒ YES (Y)      MEMBERSHIP NUMBER (C): CAI-00023

☐ NO (N)

NEXT (E)      CANCEL (C)

36/119

F I G. 36

INPUT PASSWORD OF MEMBER ID CA\_INF\_0023 (P) :

\*\*\*\*\*

NEXT (F)

BACK (B)

CANCEL  
REGISTRATION (C)

0011010210500

37/119

# FIG. 37

IT IS NECESSARY FOR A NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE INFORMATION PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z):  -

ADDRESS (A):

TELEPHONE  
NUMBER (T):  -  -

NAME OR NAME OF  
COMPANY (N):

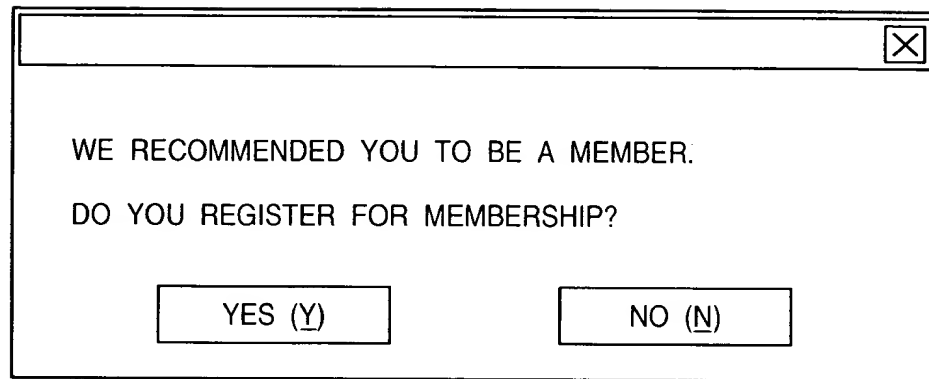
E-MAIL ADDRESS (E):

NEXT (F)

BACK (B)

CANCEL  
REGISTRATION (C)

FIG. 38



A graphical user interface window with a title bar and a close button (X) in the top right corner. The window contains the following text and buttons:

WE RECOMMENDED YOU TO BE A MEMBER.  
DO YOU REGISTER FOR MEMBERSHIP?

YES (Y) NO (N)

39/119

FIG. 39

WILL YOU CHARGE FOR THIS INFORMATION?

☒ CHARGE FOR PRINTING (C)

CHARGE (P)  PER PRINTING

NEXT (F)      BACK (B)      CANCEL  
REGISTRATION (C)

FIG. 40

DESIGNATE FILE TO BE REGISTERED (R)  
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS  
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[ txt, html, bmp, jpg, ico, tif, emf, wmf ]

Top001.txt  
Top\_Attach.jpg

DESIGNATE FILE (A)

DELETE (D)

NEXT (F)

BACK (B)

CANCEL REGISTRATION (C)



FIG. 41

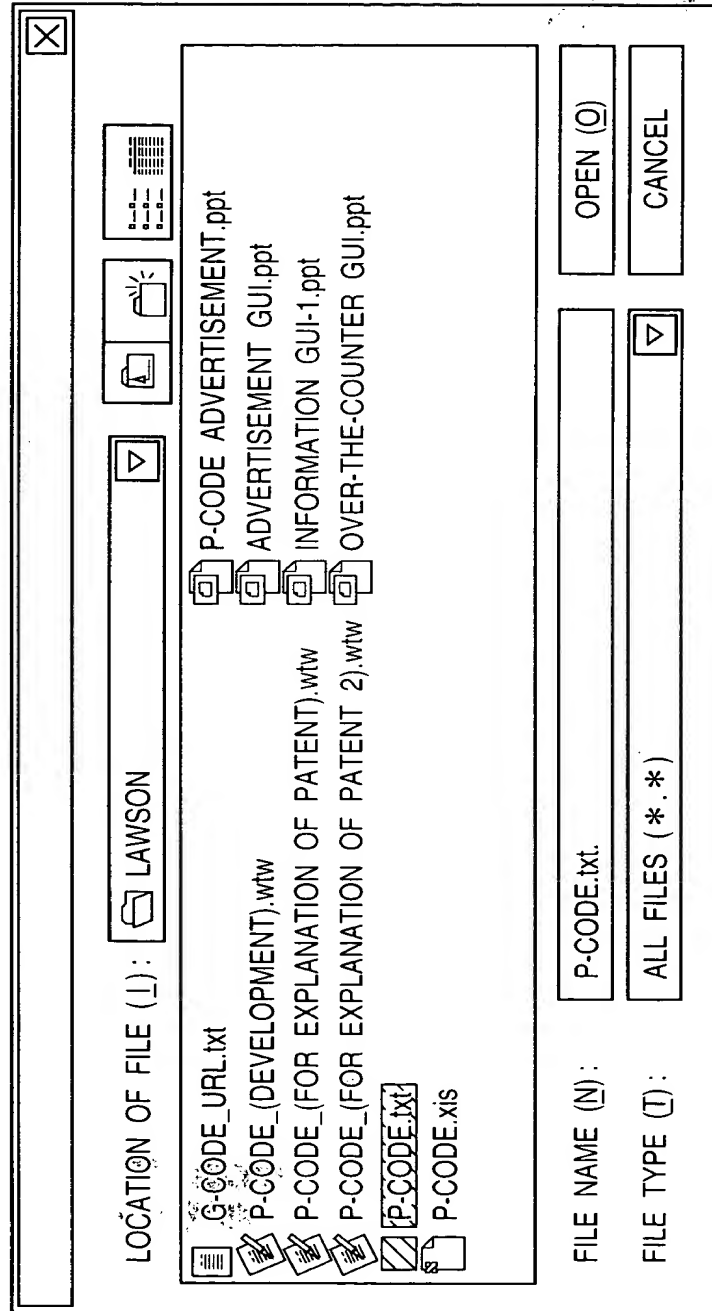


FIG. 42

PRINT PREVIEW OF TRANSFERRED INFORMATION IS  
AS FOLLOWS

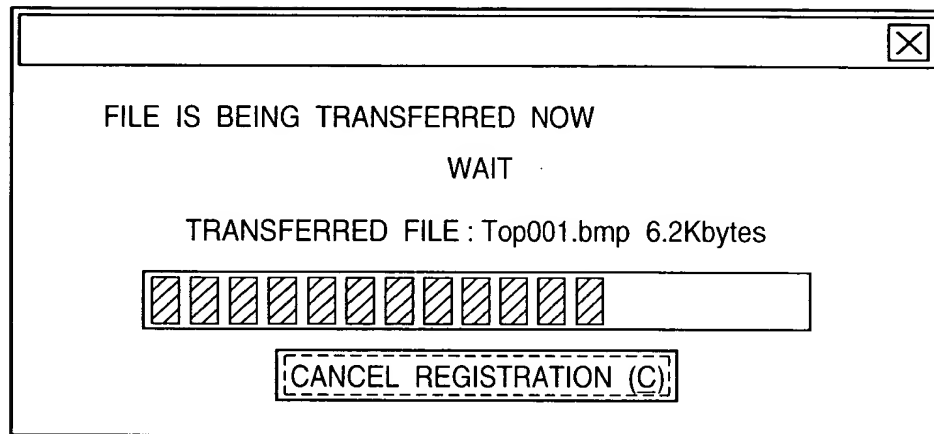
PICTURE

TRANSFER TO  
SERVER (I)

BACK (B)

CANCEL  
REGISTRATION (C)

FIG. 43



## FIG. 44

SET DATE OF START OF INFORMATION INSERTION (S)

APRIL 15, 1999 ▼

SET VALID DATES OF INFORMATION

☐ INDEFINITE (I)

☐ ONE WEEK (W)

☐ ONE MONTH (M)

☐ ONE YEAR (Y)

☐ DESIGNATE DATE (D) APRIL 30, 1999 ▼

☒ VALID DATES OF P-CODE IS SET INDEPENDENTLY  
OF THAT OF INFORMATION (F)

MAY 31, 1999 ▼

NEXT (F) BACK (B) CANCEL  
REGISTRATION (C)

FIG. 45

SIZE OF INFORMATION TO BE REGISTERED IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF INFORMATION	12×6cm

WILL YOU FIX INFORMATION SIZE IN LAYOUT?

☐ FIX (D)

☒ ALLOW CHANGE (A)

FONT SIZE IS FROM    
 Pt TO    
 Pt

MAGNIFICATION OF  
PRINTING IMAGE IS FROM    
 % TO    
 %

46/119

FIG. 46

WILL YOU PERMIT ADVERTISEMENT INSERTION  
INTO THE PAGE?

☒ YES (Y)

☐ PERMIT FOR LOWER SURFACE (R)

☐ NO (N)

NEXT (F)      BACK (B)      CANCEL  
REGISTRATION (C)

47/119

FIG. 47

WILL YOU SET PASSWORD FOR ACCESS TO INFORMATION?

☒ SET PASSWORD (S)

PASSWORD (P): \*\*\*\*

NEXT (E)      BACK (B)      CANCEL REGISTRATION (C)

48/119

FIG. 48

A graphical user interface window with a title bar and a close button (X) in the top right corner. The main content area contains the text "RE-INPUT PASSWORD (P):" followed by a text input field containing four asterisks "\*\*\*\*". Below the input field are three buttons: "REGISTER (R)", "BACK (B)", and "CANCEL REGISTRATION (C)".

RE-INPUT PASSWORD (P):

\*\*\*\*

REGISTER (R)      BACK (B)      CANCEL REGISTRATION (C)

001110-16647560



49/119

# FIG. 49

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SPORTS

SELECT SUBGENRE OF INFORMATION TO BE REGISTERED (S)

BASKETBALL

SET KEYWORD WHEN LINKED TO ADVERTISEMENT (K)

NBA

GAME RESULTS  
PERSONAL RECORDS

ADD (A)

DELETE (D)

☐ NEGATIVE LINK TO ADVERTISEMENT (N)

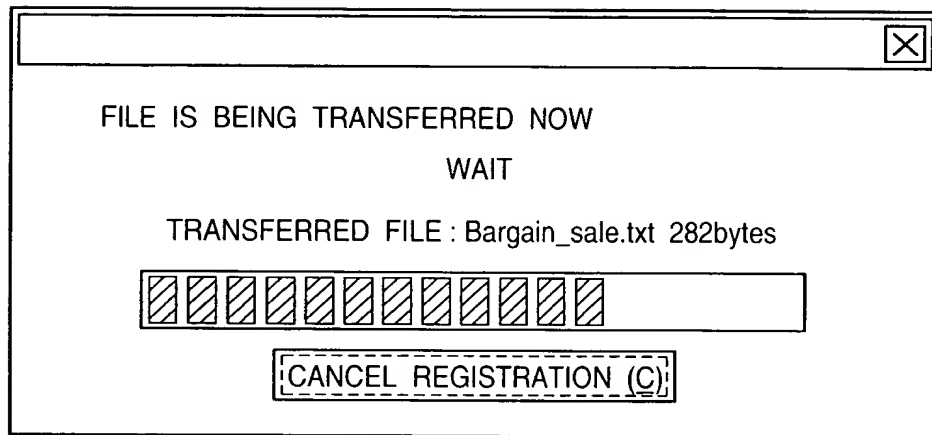
NEXT (F)

BACK (B)

CANCEL  
REGISTRATION (C)

62/119

FIG. 60



60/119

FIG. 58

DESIGNATE FILE TO BE REGISTERED AS ADVERTISEMENT (R)  
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS  
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[ txt, html, bmp, jpg, ico, tif, emf, wmf ]

Bargain\_sale.txt  
Bargain\_sale.jpg

DESIGNATE  
FILE (A)

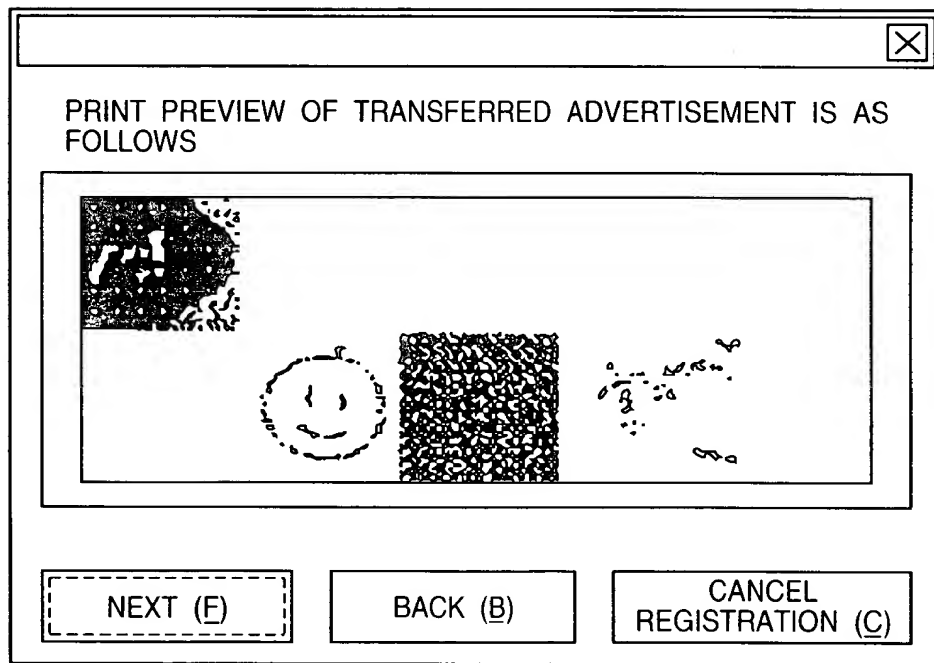
DELETE (D)

NEXT (F)

BACK (B)

CANCEL  
REGISTRATION (C)

FIG. 59



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FIG. 50

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

	SPORTS	▽
SELEC	SPORTS	△ (S)
	TRAVEL	
	NEWS/WEATHER FORECAST	
	FINANCE	
SET	HOME MEDICINE	
	SOCIETY INFORMATION	
NBA	INFORMATION OF ADMINISTRATIVE AGENCIES	
	PRIZE COMPETITION	▽

GAME RESULTS  
PERSONAL RECORDS

△  
▽

DELETE (D)

☐ NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (E)

BACK (B)

CANCEL  
REGISTRATION (C)

51/119

FIG. 51

✕

INPUT TITLE OF INFORMATION (T)

NBA FINAL

INPUT COMMENT (SUMMARY) FOR INFORMATION  
TO BE REGISTERED (S)

▲

▼

NEXT (F)

BACK (B)

CANCEL  
REGISTRATION (C)

00440-10021500

57/119

FIG. 55

ADVERTISMENT WILL BE REGISTERED

ARE YOU AN ADVERTISEMENT REGISTRATION MEMBER?

☐ YES (Y)      MEMBERSHIP NUMBER (C):

☐ NO (N)

58/119

FIG. 56

00110-1002-11900

✕

INPUT PASSWORD OF ADVERTISEMENT  
REGISTRATION  
MEMBER ID CA\_INF\_0023 (P)

\*\*\*\*\*

NEXT (F)

BACK (B)

CANCEL  
REGISTRATION (C)



59/119

# FIG. 57

☐

IT IS NECESSARY FOR AN ADVERTISEMENT REGISTRATION NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE ADVERTISEMENT PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

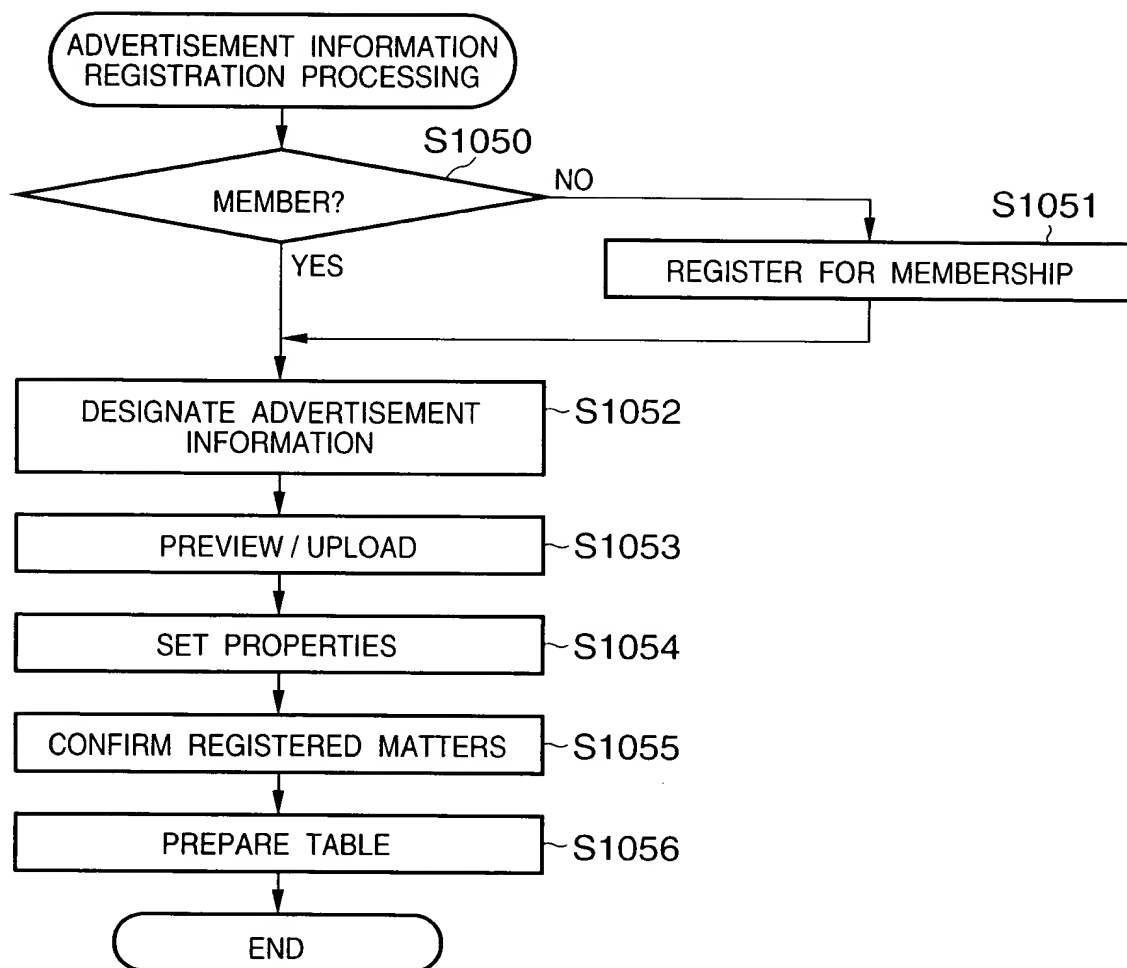
POSTAL CODE (Z):  -

ADDRESS (A):

TELEPHONE NUMBER (T):  -  -

NAME OR NAME OF COMPANY (N):

E-MAIL ADDRESS (E):



52/119

FIG. 52A

P-CODE TO BE REGISTERED (P)

xxxx xxxx xxxx

REGISTERED P-CODE LIST (L)

☐ CREATE NEW GROUP (N)

☒ ADD REGISTERED P-CODE TO EXISTING GROUP (A)

P-CODE OF GROUP TO WHICH P-CODE IS TO BE ADDED (G)

3091-2425-8769|

REGISTERED GROUP LIST (I)

OK

CANCEL

00110-102/1560

## FIG. 52B

INPUT TITLE OF NEW GROUP (T)

GAMES OF YESTERDAY

INPUT CONTENTS OF GROUP (S)

GAME RESULTS OF YESTERDAY AND BRIEF COMMENT  
AND STANDINGS

SET INFORMATION UPDATE SCHEDULE (M)

NEXT DAY OF GAME

OK CANCEL

×

PRESS REGISTER BUTTON TO END REGISTRATION

REGISTERED P-CODE IS 2010-4243-26227

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :  
Top001.txt  
Top\_attachi.bmp

VALID DATES :  
APRIL 26, 1999

PRINTING CHARGE :  
¥ 10/Print

▲  
  
  
▼

REGISTER (R)

BACK (B)

CANCEL  
REGISTRATION (C)

FIG. 61

✕

SET DATE OF START OF ADVERTISEMENT INSERTION (S)

MARCH 29, 1999 ▾

SET VALID DATES OF ADVERTISEMENT TO BE REGISTERED

☐ INDEFINITE (I)

☐ ONE WEEK (W)

☐ ONE MONTH (M)

☐ ONE YEAR (Y)

☒ DESIGNATE DATE (D)

APRIL 10, 1999 ▾

NEXT (F)

BACK (B)

CANCEL  
REGISTRATION (C)

64/119

FIG. 62

SELECT LINK METHOD INFORMATION IN WHICH  
ADVERTISEMENT IS TO BE INSERTED

☐ REGION  
AGE GROUP  
SEX  
SET KEYWORD  
DESIGNATE INFORMATION

SET DETAILS (D)

NEXT (F)      BACK (B)      CANCEL  
REGISTRATION (C)

65/119

FIG. 63

YOU CAN DO FOLLOWING DESIGNATION TO LIMIT REGION

- ☒ LIMIT IN UNITS OF METROPOLIS AND DISTRICTS  
OR CITIES, TOWNS, AND VILLAGES (P)
- ☐ DESIGNATE SHOP TO PRINT (S)
- ☐ DESIGNATE ADDRESS AND RANGE THEREFROM (R)
- ☐ DESIGNATE RANGE ON MAP (M)

SET DETAILS (D)

NEXT (F)      BACK (B)      CANCEL  
REGISTRATION (C)

00110-162450



66/119

FIG. 64

ADVERTISEMENT SIZE CALCULATED FROM  
TRANSFERRED FILE IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF ADVERTISEMENT	12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE  
REGISTERED (S)

L SIZE 6cm×12cm	<div></div>	<input type="radio"/> PORTRAIT (P)
		<input checked="" type="radio"/> LANDSCAPE ( <u>L</u> )

ADJUSTMENT OF ADVERTISEMENT SIZE

☒

ENLARGE / REDUCE REGISTERED DATA TO FIT  
ADVERTISEMENT TO PRINTING SIZE (A)

☐ PRINT ADVERTISEMENT AT THE CENTER WITHOUT  
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (F)	BACK (B)	CANCEL REGISTRATION ( <u>C</u> )
----------	----------	-------------------------------------

67/119

FIG. 65

ADVERTISMENT SIZE CALCULATED FROM  
TRANSFERRED FILE IS AS FOLLOWS

TEXT 142 CHARACTERS

PRINTING IMAGE 4×6cm

OVERALL REGION OF ADVERTISEMENT 12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE  
REGISTERED (S)

L SIZE (6cm×12cm)	▽	<input type="radio"/> PORTRAIT (P)
B5 SIZE	△	<input type="radio"/> LANDSCAPE (L)
B6 SIZE		
L SIZE (6cm×12cm)		
M SIZE (4cm×8cm)		
S SIZE (2cm×5cm)		
POSTCARD SIZE	▽	

REGISTERED DATA TO FIT  
ADVERTISEMENT TO PRINTING SIZE (A)

☐ PRINT ADVERTISEMENT AT THE CENTER WITHOUT  
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (E) BACK (B) CANCEL  
REGISTRATION (C)

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## FIG. 52C

×

INFORMATION P-CODE 3746-2348-2364  
(PROFESSIONAL BASEBALL GAME RESULTS, JUNE 25, 1999)  
IS LINKED TO FOLLOWING FRAME

P-CODE : 3091-2425-8769  
(PROFESSIONAL BASEBALL / GAMES OF YESTERDAY)

LINK NUMBER : #77

OK

CANCEL

00110102430

68/119

FIG. 66

06547284-04400

×

LIMITATION ON ADVERTISEMENT INSERTION POSITION

☐ SINGLE ADVERTISEMENT (U)

☐ ALWAYS TO BE PRINTED AS TOP ADVERTISEMENT (T)

☒ MAY BE PRINTED ON LOWER SURFACE (R)

NEXT (E)

BACK (B)

CANCEL  
REGISTRATION (C)

69/119

FIG. 67

CHARGE FOR REGISTERED ADVERTISEMENT PER INSERTION  
IS 20 YEN. ADVERTISEMENT IS CHARGED FOR IN  
CORRESPONDENCE WITH NUMBER OF PRINTED PAGES

SET UPPER LIMIT OF ADVERTISEMENT CHARGE :

☒ DESIGNATE MAXIMUM NUMBER OF TIMES OF PRINTING (V)

☐ DESIGNATE UPPER LIMIT OF ADVERTISEMENT  
CHARGE (P)

MAXIMUM (M) : 400  TIMES

NEXT (F)      BACK (B)      CANCEL  
REGISTRATION (C)

FIG. 68

09547394-0499

×

PRESS REGISTER BUTTON TO END REGISTRATION

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :

Bargain\_sale.txt

Bargain\_sale.jpg

VALID DATES :

FROM MARCH 29, 1999 TO APRIL 10, 1999

LINK RULE TO INFORMATION

REGION

DESIGNATE CITIES, TOWNS, AND VILLAGES,

KITA-KU, KAWASAKI-SHI

KEYWORD

EATING AND DRINKING, RESTAURANT,

CHINESE, DISCOUNT, TASTY

△

▽

REGISTER (R)

BACK (B)

CANCEL  
REGISTRATION (C)

71/119

FIG. 69

DO YOU WANT PRINT OF PARTICULARS OF  
REGISTERED ADVERTISEMENT INFORMATION?  
( PRINT IS ALSO AVAILABLE FROM INQUIRY OF  
REGISTERED ADVERTISEMENT INFORMATION )

☐ YES (Y) ☐ NO (N)

FIG. 70

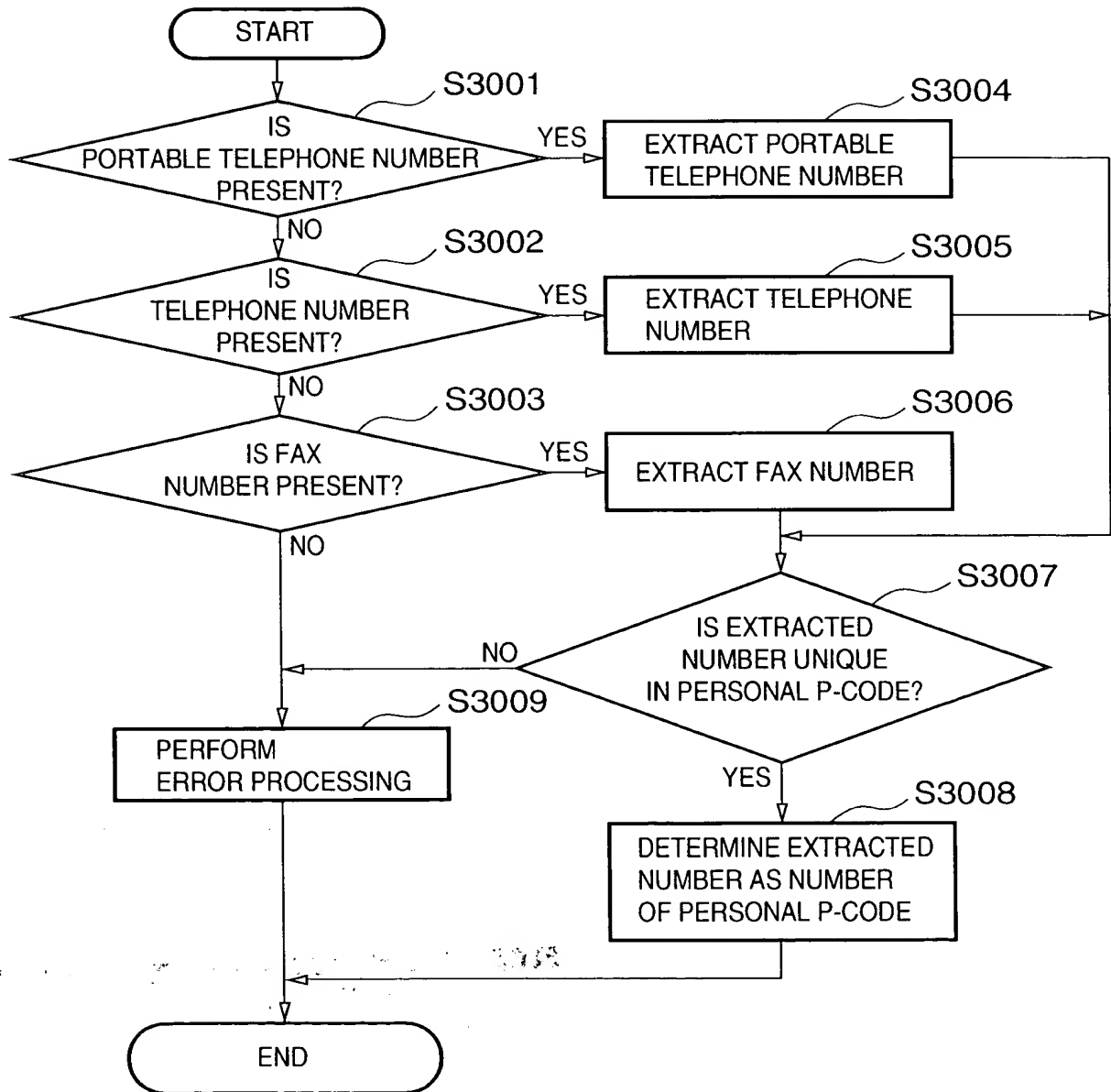
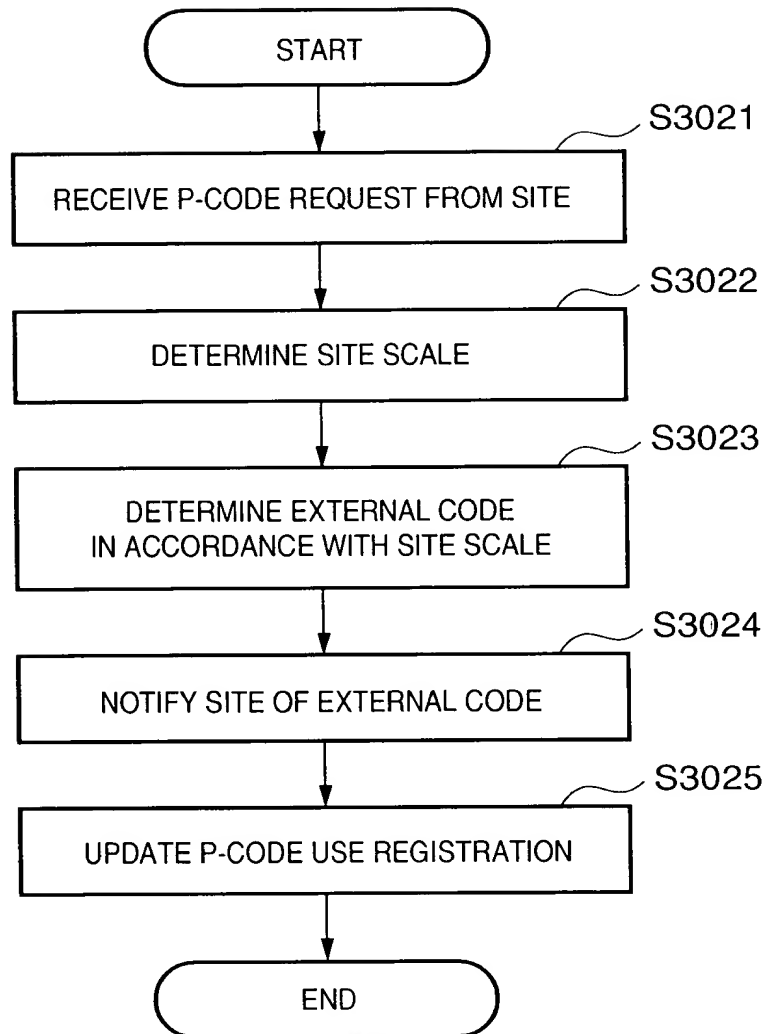




FIG. 71



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FIG. 72

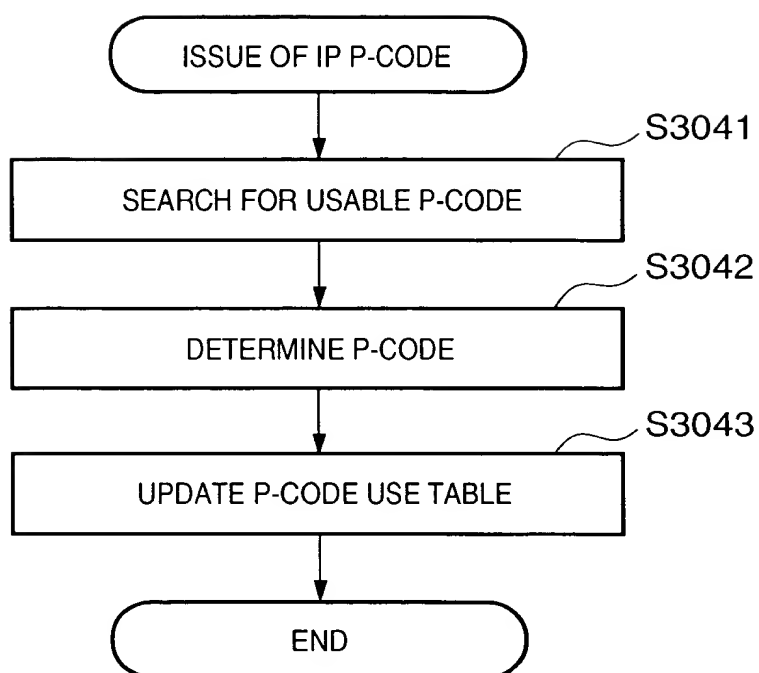
SCALE	EXTERNAL CODE	URL
MINIMAL SCALE		
SMALL SCALE		
MEDIUM SCALE		
LARGE SCALE		
MAXIMUM SCALE		

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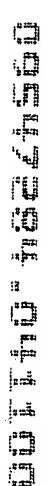
**FIG. 73**

P-CODE (NUMBER SECTION = EXTERNAL CODE + INTERNAL CODE)	VALID DATES OF CODE

00110-1024500

**FIG. 74**

100



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FIG. 76

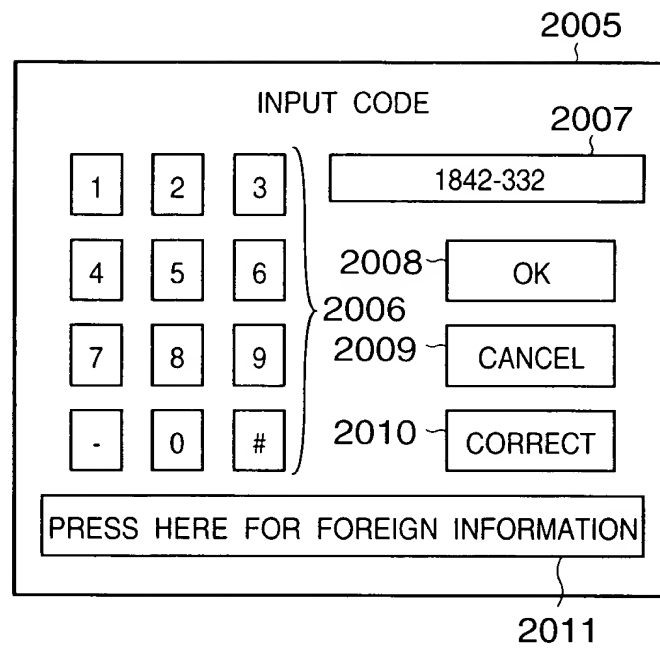
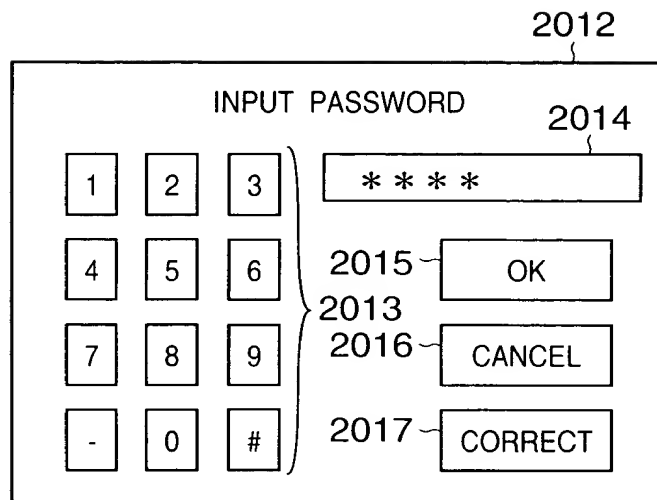


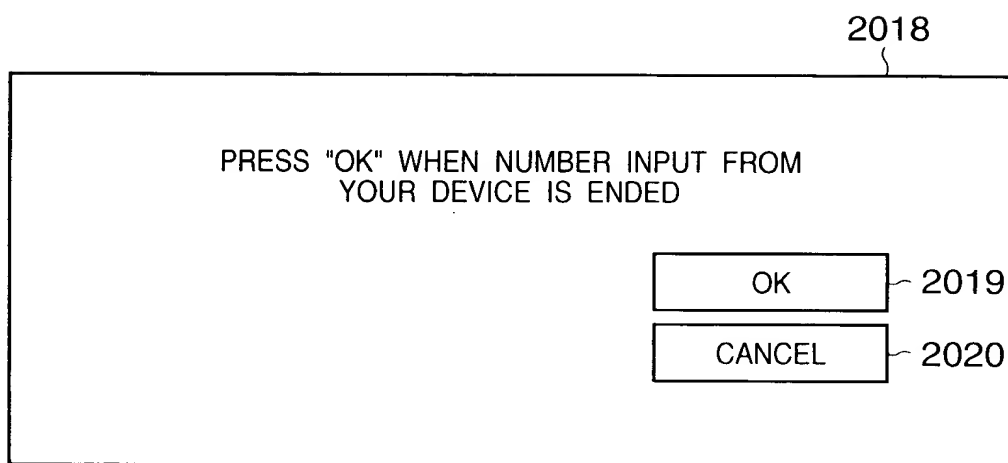
FIG. 77



00110-1024500

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FIG. 78





81/119

## FIG. 79

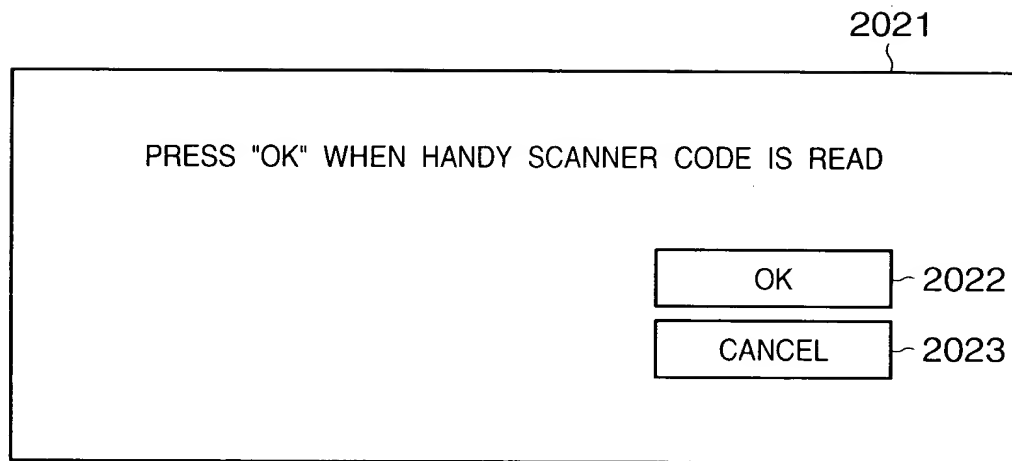


FIG. 80

2025

2026

2027

2027a

2027b

2027c

2028

2028a

2029

2030

2031

2032

FOLLOWING ITEMS ARE TO BE PRINTED

INPUT ANOTHER P-CODE

P-CODE	TITLE (CONTENTS)	NUMBER OF PAGES	CHARGE	PRINTING
1842-2417	NFL GAME RESULTS	1	70	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME
1842-2450	ODDS AND OUR TIP ON EMPEROR PRIZE	1	70	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME

CURRENT NUMBER OF PAGES TO PRINT IS 2,  
AND CHARGE IS 140 YEN.  
ADVERTISEMENT INSERTION DISCOUNTS 0 YEN

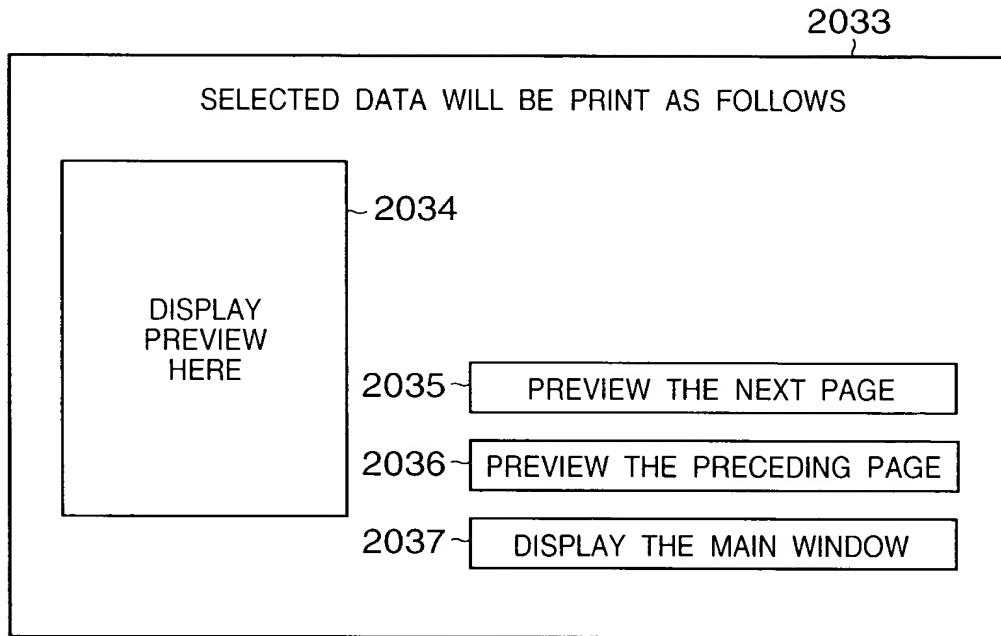
SET ADVERTISEMENT

DISPLAY PRINT PREVIEW

PRINT

CANCEL

# FIG. 81



## FIG. 82

2038

PRINTING OF ADVERTISEMENT

ADVERTISER BEARS PRINTING CHARGE FOR YOU  
WHEN ADVERTISEMENT IS PRINTED

PRINT IN FREE SPACE OF ARTICLE	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	} 2039
PRINT ON LOWER SURFACE	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
PRINT ANOTHER PAGE	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

2040      2041

<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>
-----------------------------------	---------------------------------------

FIG. 85

2057

REGISTERED FRAME IS AS FOLLOWS

2058 2059 2060 2061

PRINT ALL DISPLAY PRECEDING LIST DISPLAY NEXT LIST

SUFFIX	CONTENTS	NUMBER OF PAGES	PRINT
#1	CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-ZU	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
#2	SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION	3	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
#3	SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

2061a 2061b

2 PIECES OF INFORMATION ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 4.

2062

REGISTER / CHANGE INFORMATION PRINT PREVIEW BACK CANCEL

2063 2064 2065 2066 2067

86/119

## FIG. 84

2053

MAIL PRINTING OPTIONS  
YOU CAN SELECT FOLLOWING OPTIONS

PRINT MAIL MESSAGES CONTINUOUSLY ONE SHEET	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	} 2054
DENSELY PRINT WITH SMALLEST LETTERS	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
	2055 <input type="button" value="OK"/>	2056 <input type="button" value="CANCEL"/>	

FIG. 83

2042

MAIL BOX HAS FOLLOWING MAIL MESSAGE

2043

2044

2045

2046

2047

2048

2049

2050

2051

2052

SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT
#1	NEW YEAR PARTY	takaha@cse.canon	1	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input type="checkbox"/> NO
#2	ABOUT SENDING OF DB EXAMINATION CONFERENCE REPORT	itoh@ccsi.dumnet	2	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME <input type="checkbox"/> NO
#3	Re : DO YOU KNOW?	nishida@ykk.com	1	<input type="checkbox"/> COLOR <input checked="" type="checkbox"/> MONOCHROME <input checked="" type="checkbox"/> NO

2 MAIL MESSAGES ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 3.

PRINT PREVIEW

SET OPTIONS

PRINT

BACK

CANCEL

PRINT ALL

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

FIG. 86

2068

INPUT NUMBER OF FRAME TO BE CHANGED

REGISTER NEW FRAME

2070 {

1	2	3
4	5	6
7	8	9
-	0	#

##2 2071 2069

2072 OK

2073 CANCEL

2074 CORRECT



FIG. 87

2075

REGISTERED FRAME #2 HAS FOLLOWING CONTENTS

2076

2077 2078

2079

2080 2081 2082

208a 208b

208c

208d

208e

208f

208g

208h

208i

208j

208k

208l

208m

208n

208o

208p

208q

208r

208s

208t

208u

208v

208w

208x

208y

208z

209a

209b

209c

209d

209e

209f

209g

209h

209i

209j

209k

209l

209m

209n

209o

209p

209q

209r

209s

209t

209u

209v

209w

209x

209y

209z

210a

210b

210c

210d

210e

210f

210g

210h

210i

210j

210k

210l

210m

210n

210o

210p

210q

210r

210s

210t

210u

210v

210w

210x

210y

210z

211a

211b

211c

211d

211e

211f

211g

211h

211i

211j

211k

211l

211m

211n

211o

211p

211q

211r

211s

211t

211u

211v

211w

211x

211y

211z

212a

212b

212c

212d

212e

212f

212g

212h

212i

212j

212k

212l

212m

212n

212o

212p

212q

212r

212s

212t

212u

212v

212w

212x

212y

212z

213a

213b

213c

213d

213e

213f

213g

213h

213i

213j

213k

213l

213m

213n

213o

213p

213q

213r

213s

213t

213u

213v

213w

213x

213y

213z

214a

214b

214c

214d

214e

214f

214g

214h

214i

214j

214k

214l

214m

214n

214o

214p

214q

214r

214s

214t

214u

214v

214w

214x

214y

214z

215a

215b

215c

215d

215e

215f

215g

215h

215i

215j

215k

215l

215m

215n

215o

215p

215q

215r

215s

215t

215u

215v

215w

215x

215y

215z

216a

216b

216c

216d

216e

216f

216g

216h

216i

216j

216k

216l

216m

216n

216o

216p

216q

216r

216s

216t

216u

216v

216w

216x

216y

216z

217a

217b

217c

217d

217e

217f

217g

217h

217i

217j

217k

217l

217m

217n

217o

217p

217q

217r

217s

217t

217u

217v

217w

217x

217y

217z

218a

218b

218c

218d

218e

218f

218g

218h

218i

218j

218k

218l

218m

218n

218o

218p

218q

218r

218s

218t

218u

218v

218w

218x

218y

218z

219a

219b

219c

219d

219e

219f

219g

219h

219i

219j

219k

219l

219m

219n

219o

219p

219q

219r

219s

219t

219u

219v

219w

219x

219y

219z

220a

220b

220c

220d

220e

220f

220g

220h

220i

220j

220k

220l

220m

220n

220o

220p

220q

220r

220s

220t

220u

220v

220w

220x

220y

220z

221a

221b

221c

221d

221e

221f

221g

221h

221i

221j

221k

221l

221m

221n

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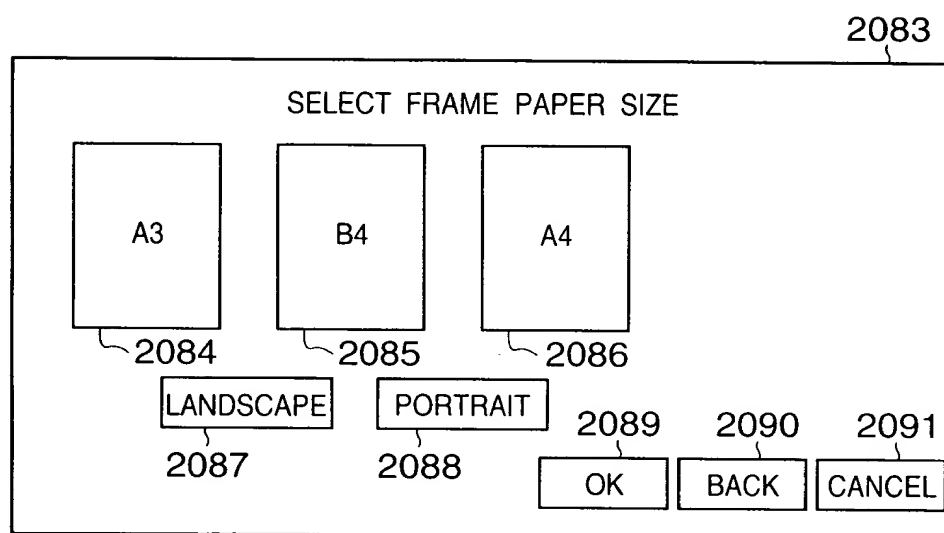
259x

259y

259z

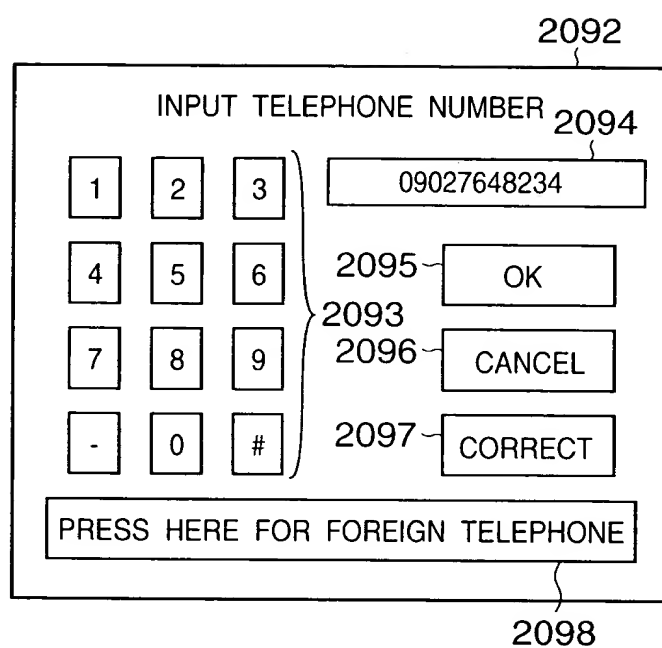
26

FIG. 88



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FIG. 89



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FIG. 90

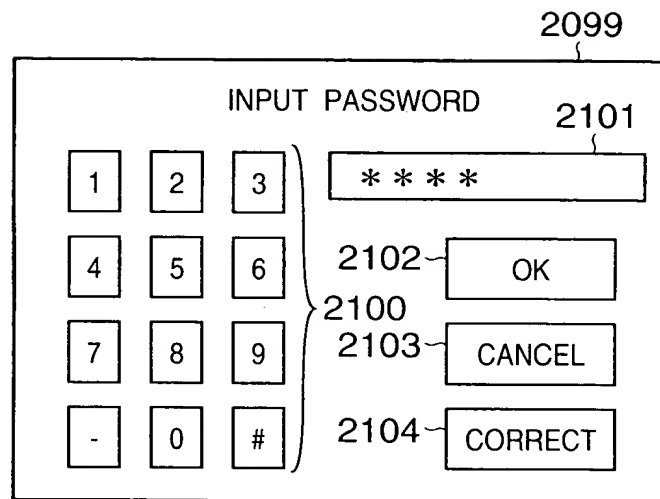
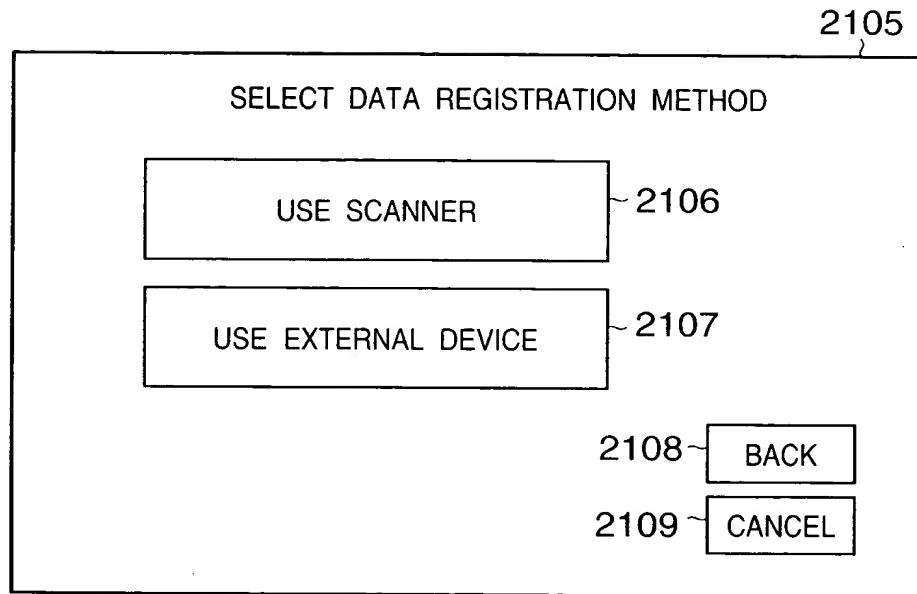


FIG. 91



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## FIG. 92

2110

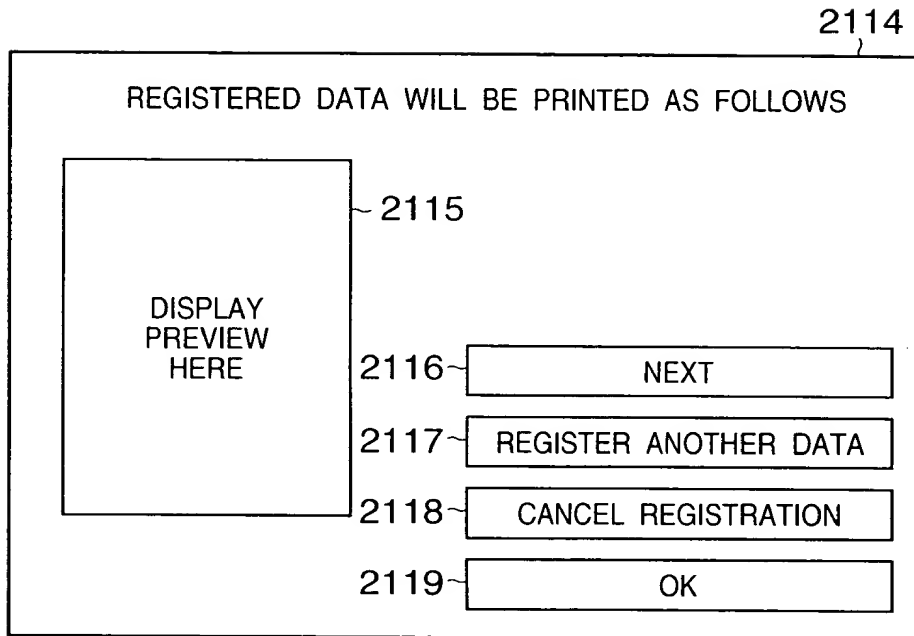
SET ORIGINAL TO UPPER LEFT CORNER OF  
SCANNER AND PRESS "OK"

2111 OK

2112 BACK

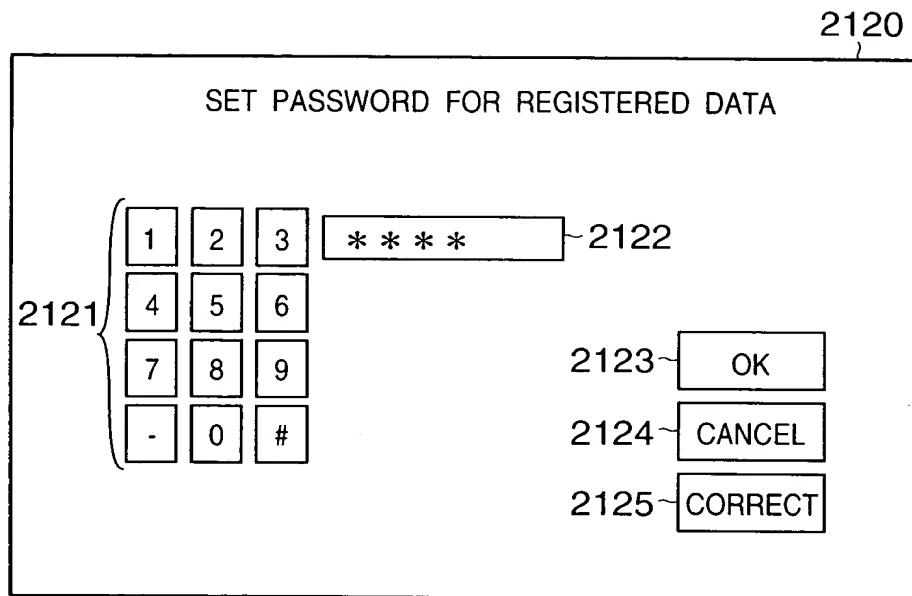
2113 CANCEL

# FIG. 93



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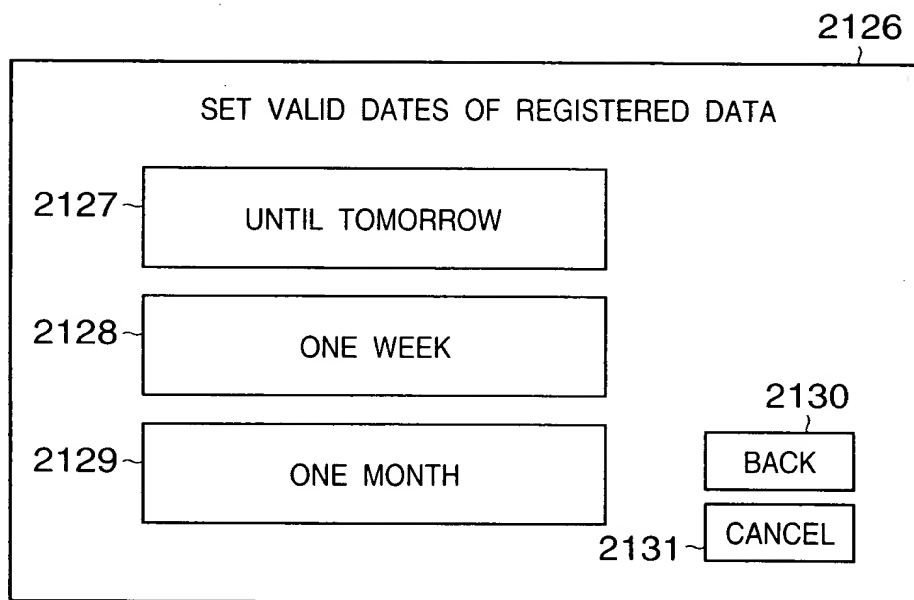
FIG. 94





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FIG. 95



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RECEIVED BY: 09/01/98  
FROM: 09/01/98  
SUBJECT: 09/01/98  
09/01/98

09/01/98

FIG. 96

2132

FOLLOWING DATA IS RECEIVED.  
PRESS "OK" TO PRINT PARTICULARS

2133

REGISTERED P-CODE	09027648234-4
DATA PASSWORD	* * * *
REGISTERED DATA	IMAGE 480 KBytes
VALID DATES	ONE WEEK (UNTIL APRIL 10)

2134

2135

2136

OK

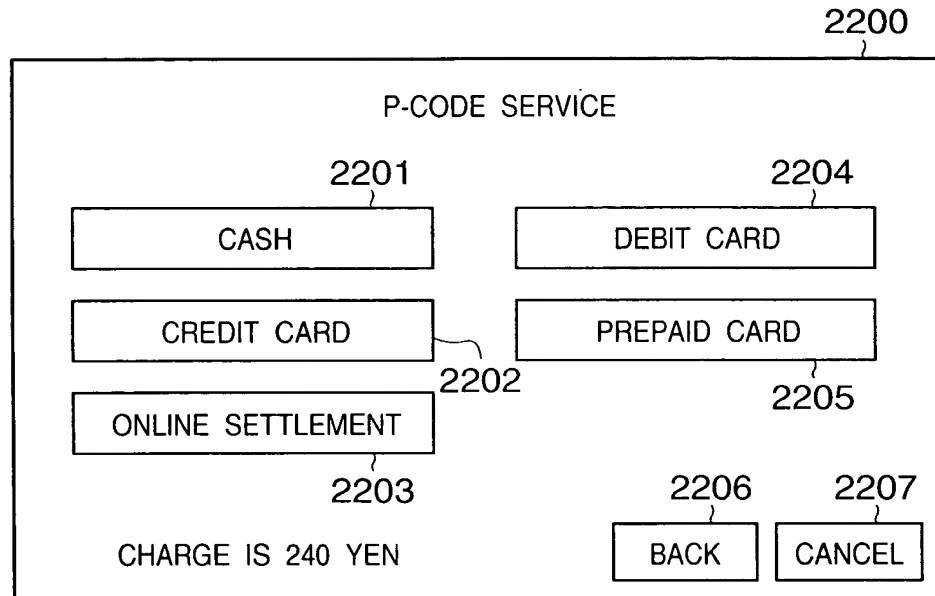
CANCEL

09/01/98

99/119: 0000 0000 0000 0000  
0000 0000 0000 0000  
0000 0000 0000 0000  
0000 0000 0000 0000

0000 0000 0000 0000  
0000 0000 0000 0000

**FIG. 97**



## FIG. 98A

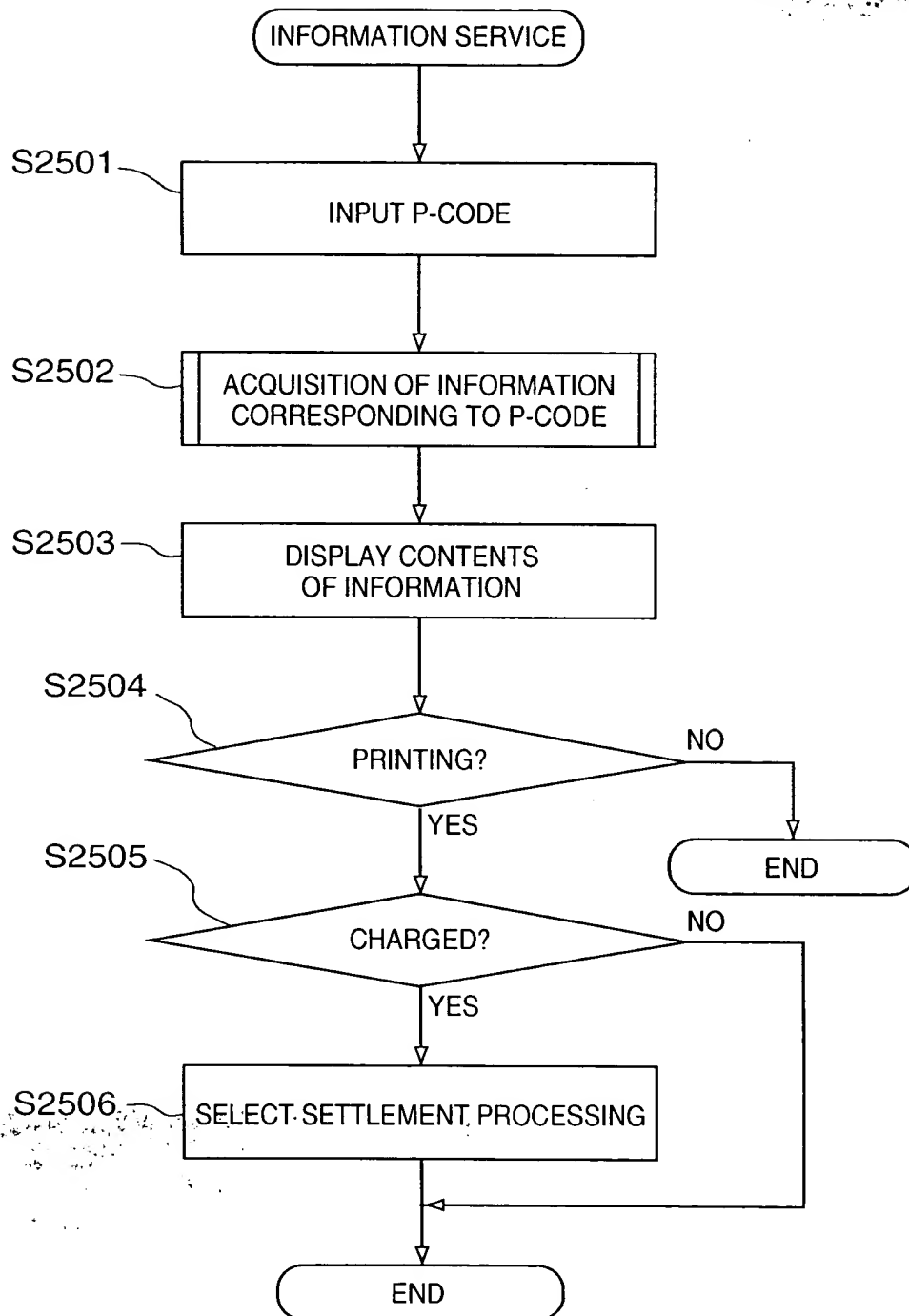
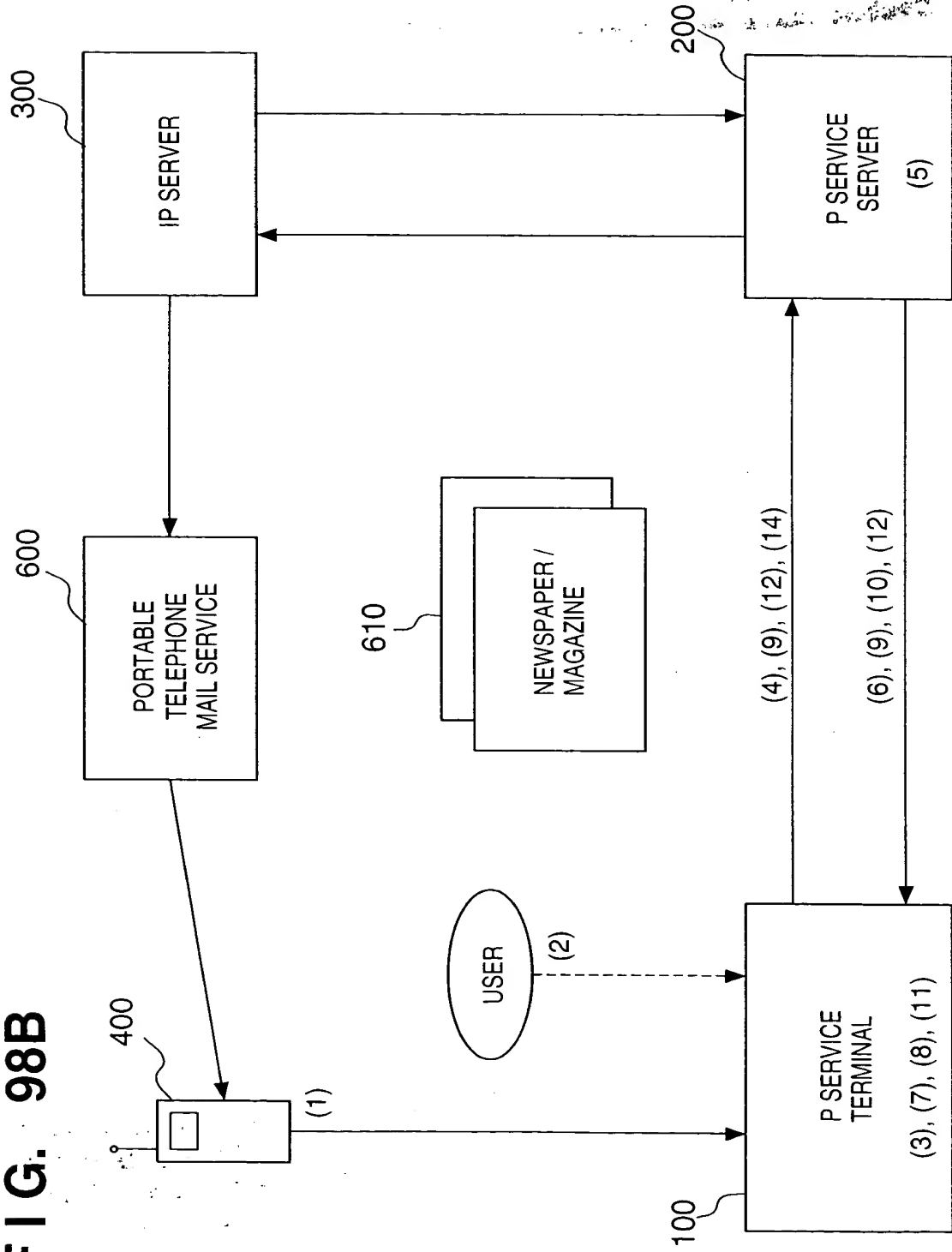


FIG. 98B



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FIG. 99A

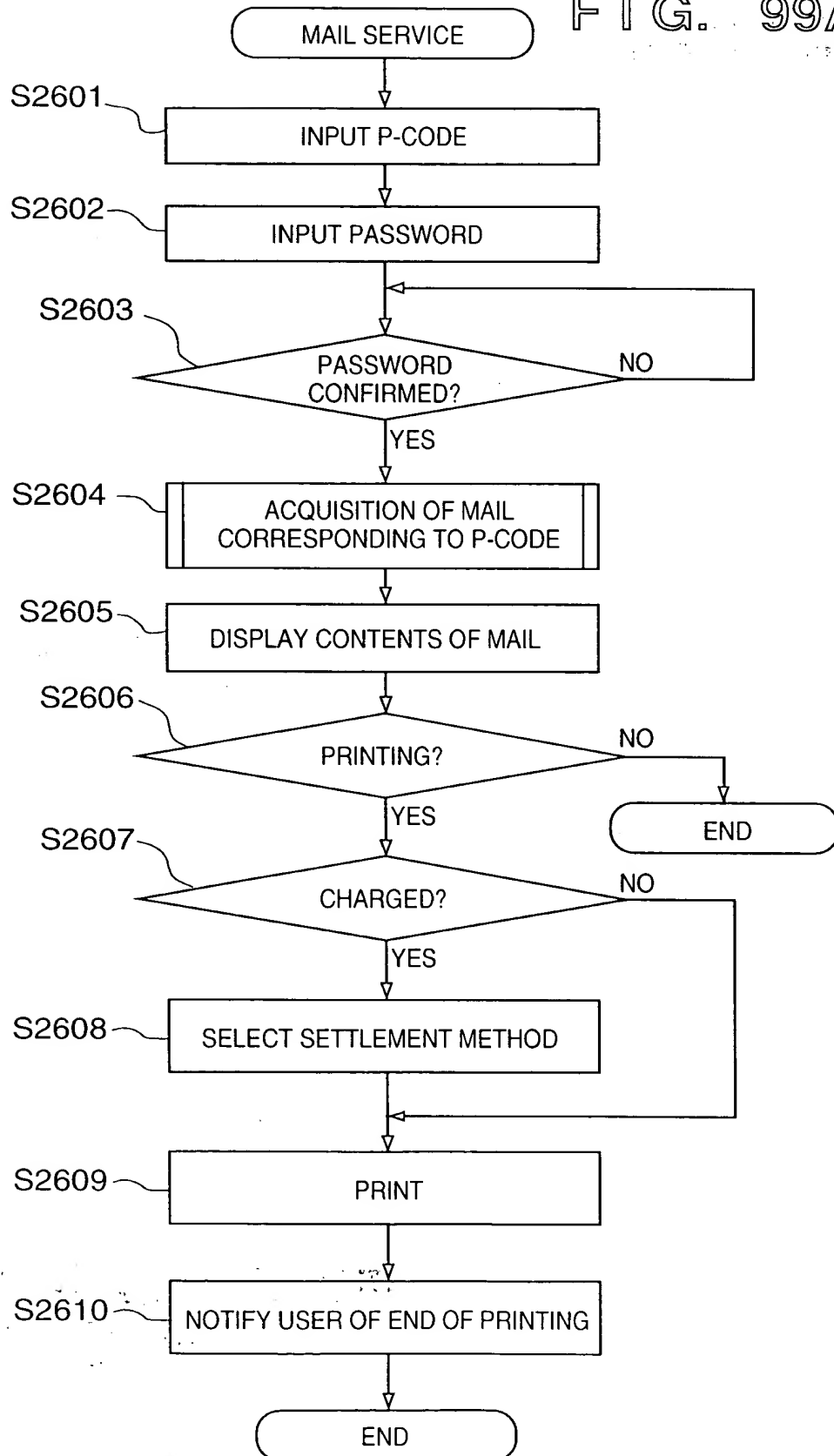
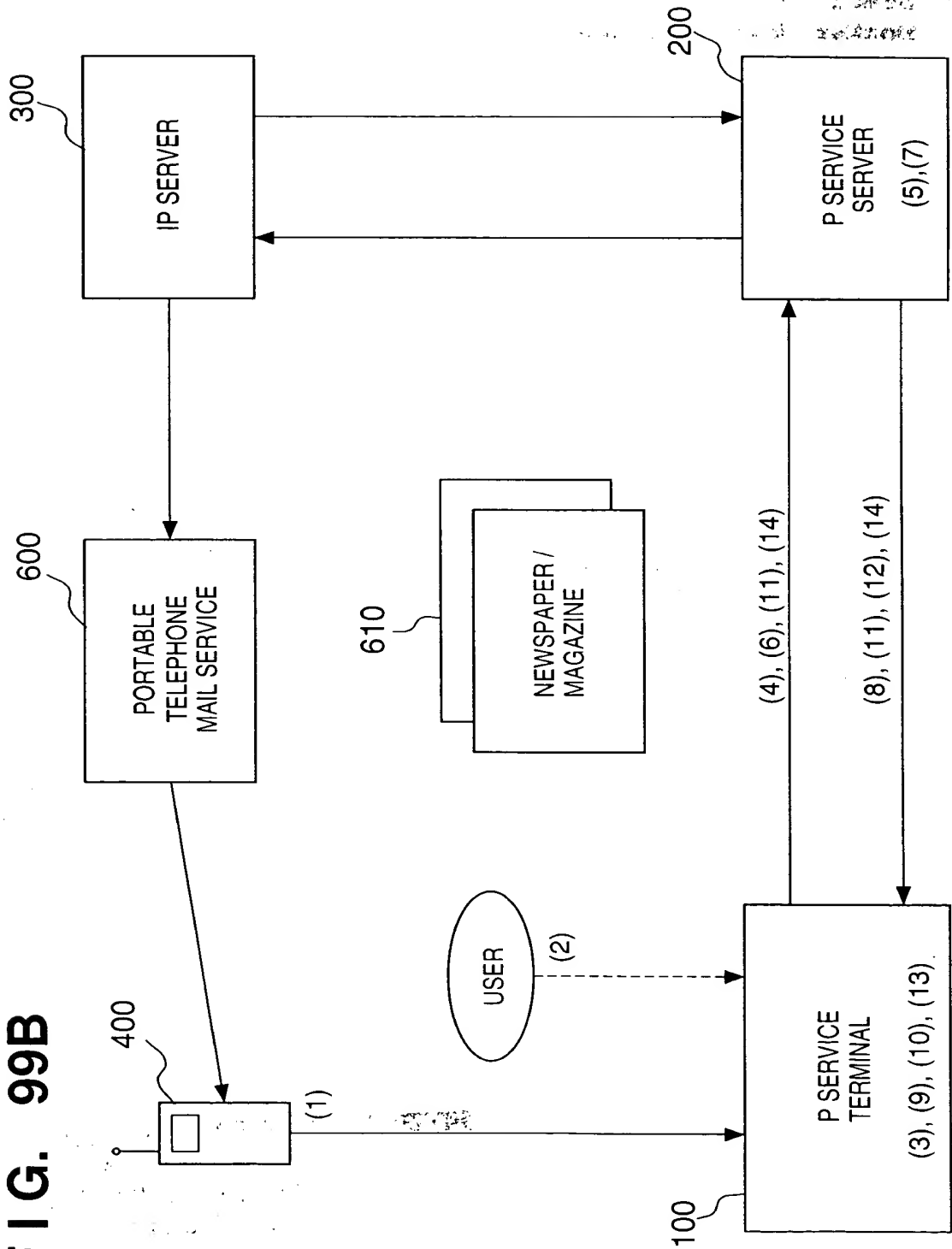


FIG. 99B



## FIG. 100A

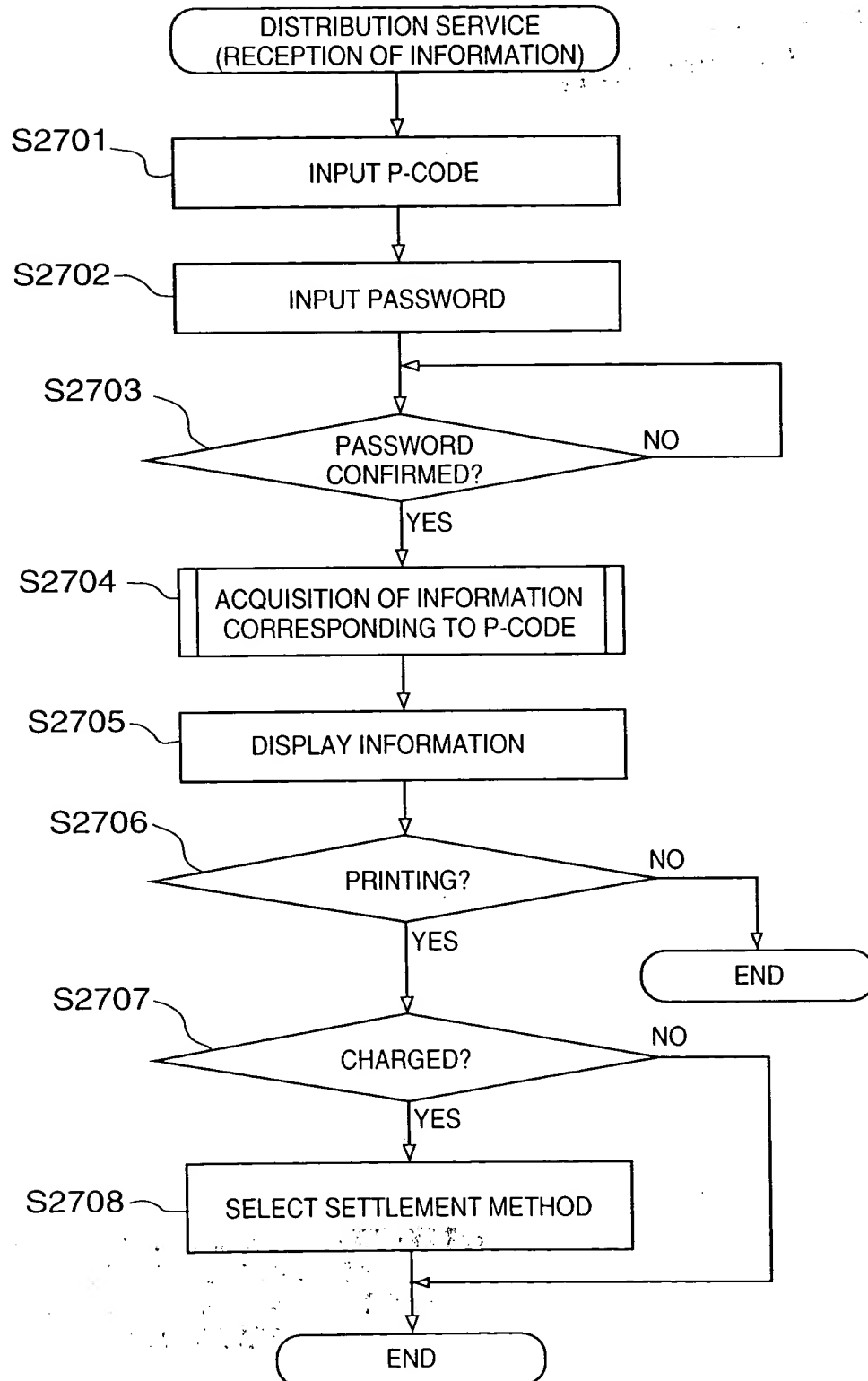




FIG. 101A

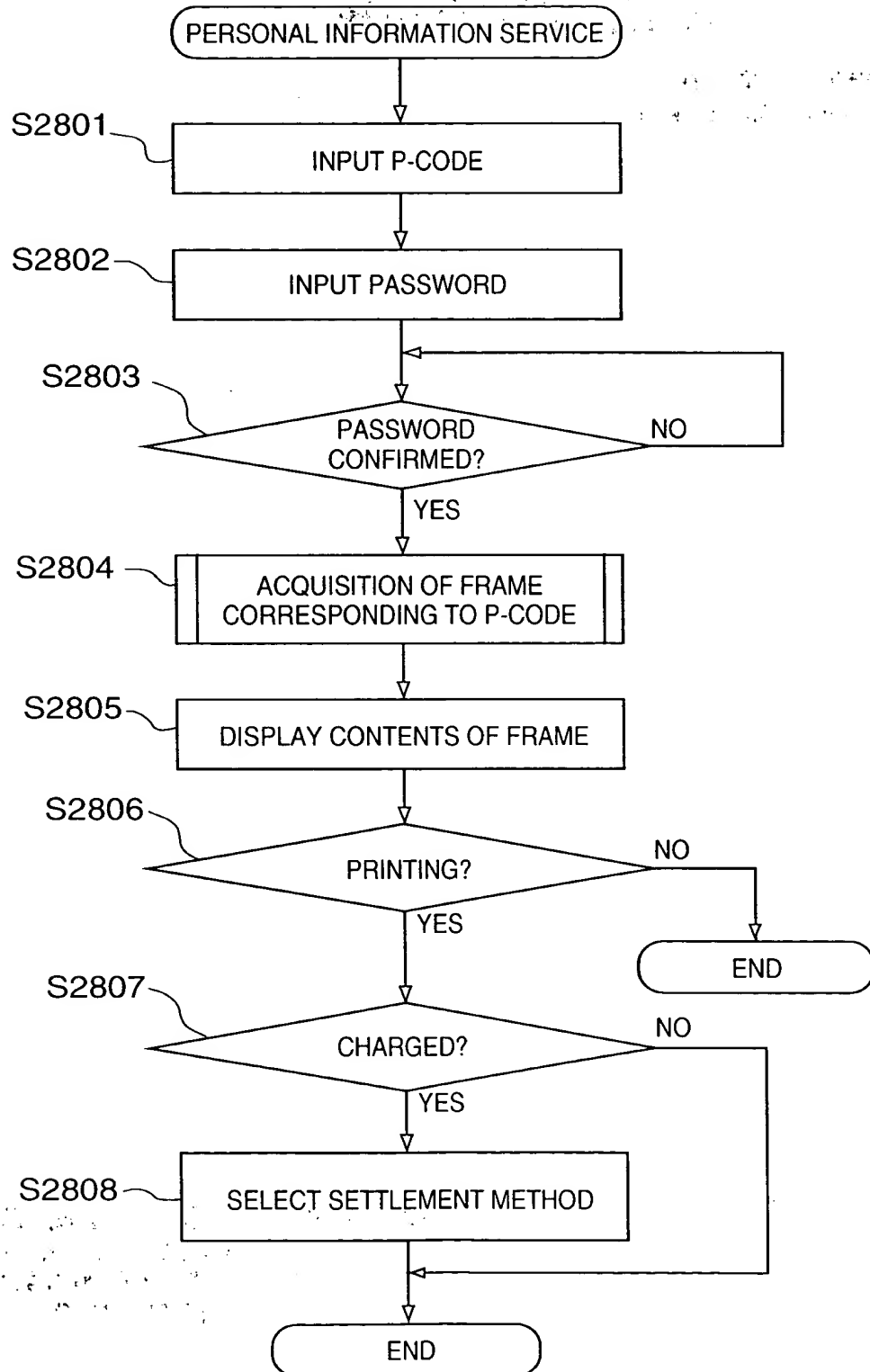
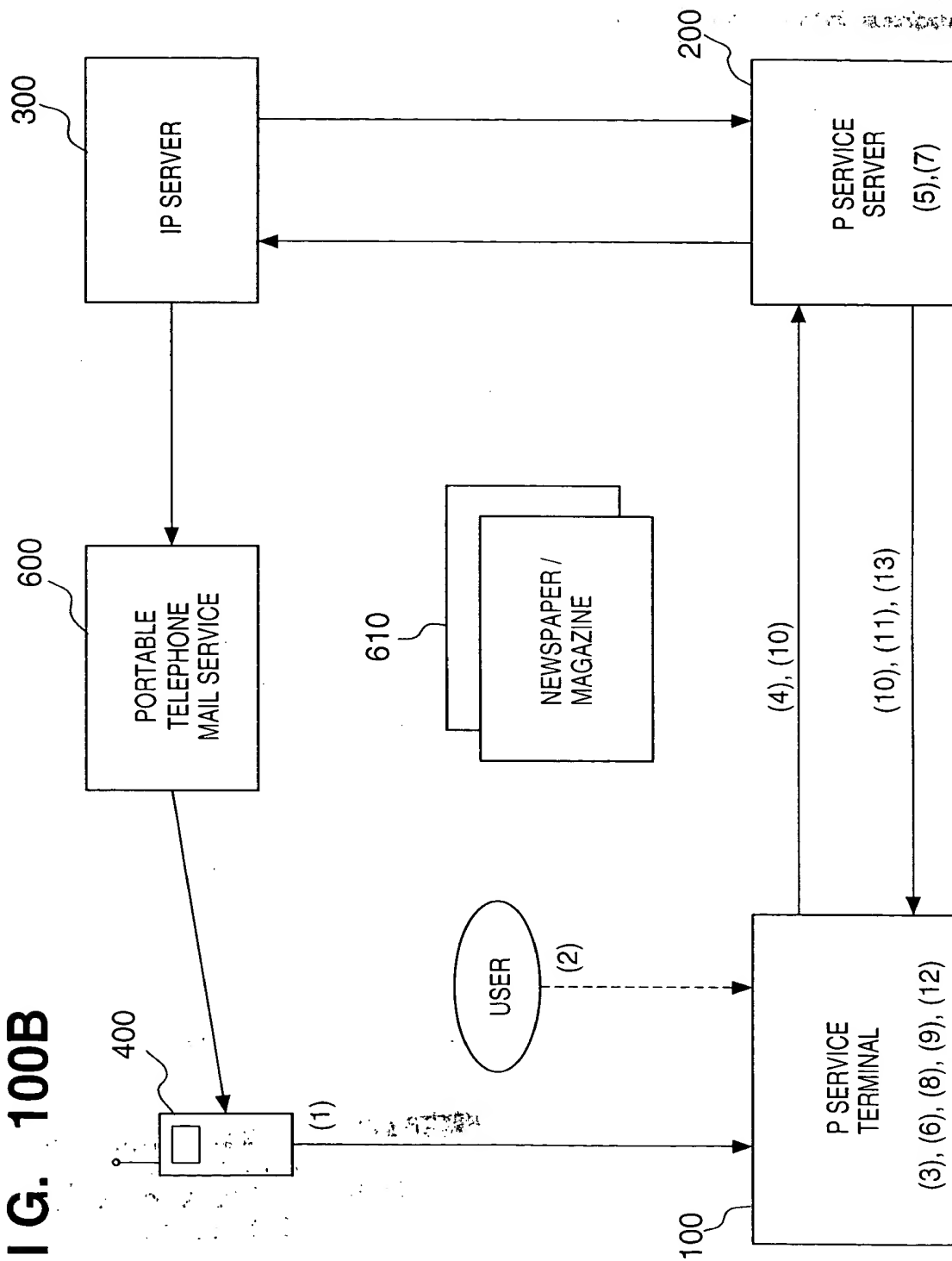


FIG. 100B



U.S. PATENT APPLICATION  
INVENTOR: HIROSHI SATOMI ET AL.  
TITLE: INFORMATION PROVIDING  
METHOD, ETC.

Sheet 107 of 119

Docket No.: 862.C1892

FITZPATRICK, CELLA, HARPER & SCINTO  
30 ROCKEFELLER PLAZA  
NEW YORK, NEW YORK 10112  
212-218-2100

**U.S. PATENT APPLICATION**

**INVENTOR:** HIROSHI SATOMI ET AL.

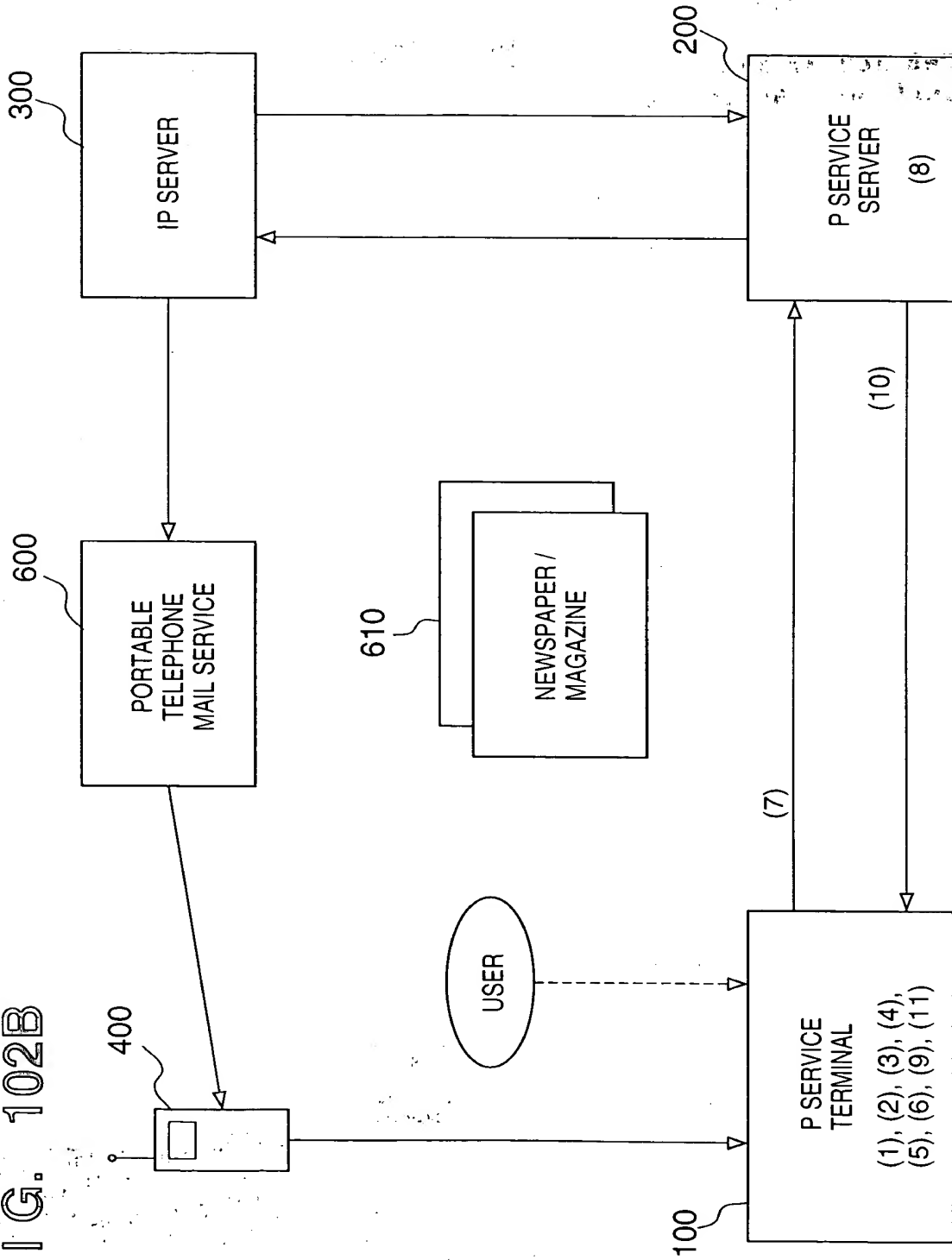
**TITLE:** INFORMATION PROVIDING  
METHOD, ETC.

**Sheet** 108 of 119

**Docket No.:** 862.C1892

FITZPATRICK, CELLA, HARPER & SCINTO  
30 ROCKEFELLER PLAZA  
NEW YORK, NEW YORK 10112  
212-218-2100

FIG. 102B



**FIG. 103A**

## ACQUISITION OF IP INFORMATION

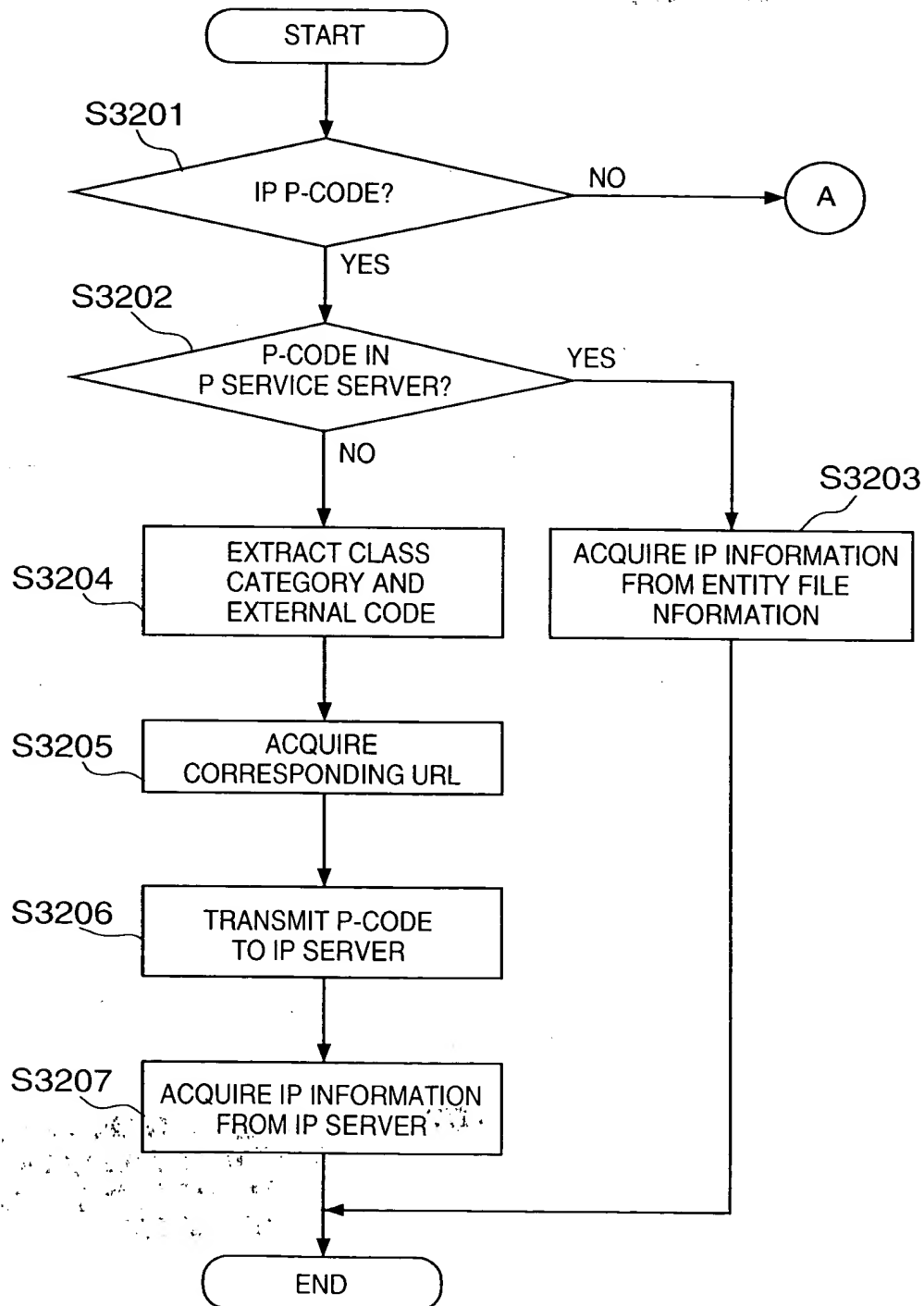
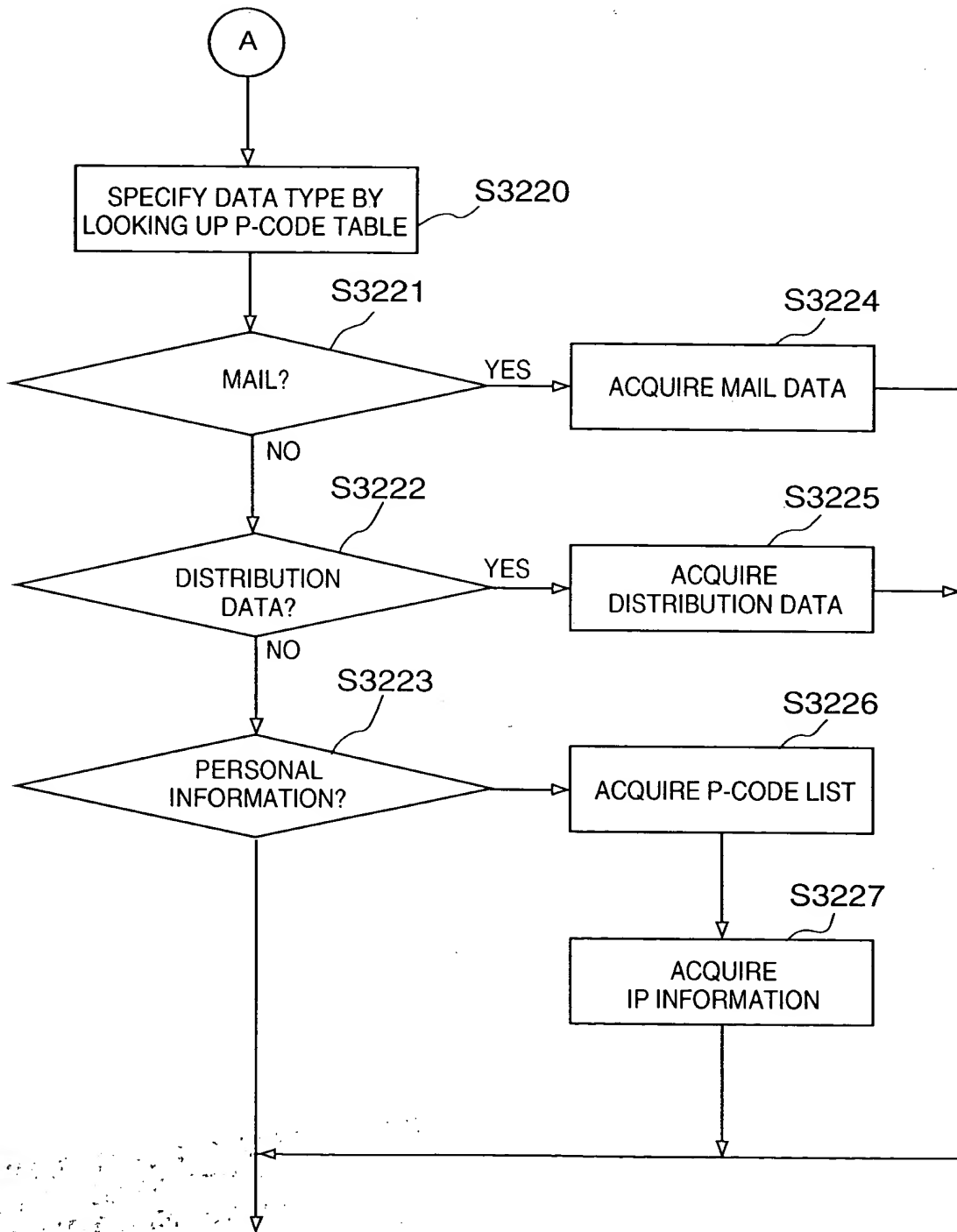


FIG. 103B



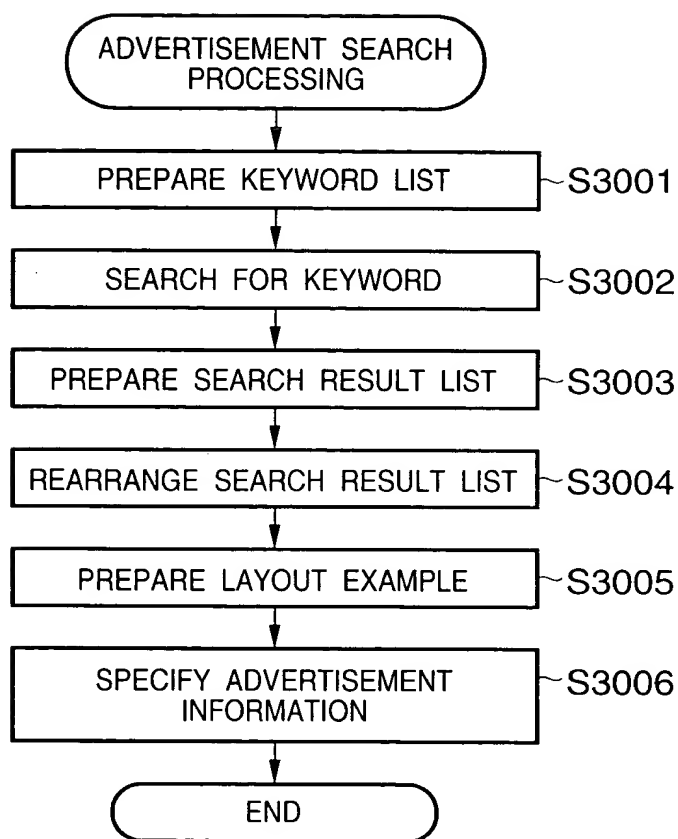






FIG. 106A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+10	+ + +	+100
	-5	* * *	-50
	+3	- - -	+30
	-4	+ - +	-40
	+7	* - *	+70

FIG. 106B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+2	@ @ *	+2
	+8	+ - *	+8
	-2	@ + +	-2
25 YEARS OLD	+10	@ * *	+10

FIG. 106C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+10
	+5	* + +	+5
	-5	@ * @	-5

FIG. 106D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+50
	+3	* / *	+15
CHINESE CUISINE	+3	% % %	+12
	-4	\$ \$ \$	-16
	+7	% & %	+28

FIG. 106E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+1	+ & +	+1
	-2	* * &	-2
KANAGAWA	+2	\$ - -	+2
	-2	+ - &	-2
	+1	* - &	+1

**FIG. 107A**

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+7	* - *	+85
	+10	+ - +	+80
	+3	- - -	+30
	-5	* * *	-30
	-4	+ - +	-45

**FIG. 107B**

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+8	+ - *	+10
	-2	@ + +	+0
	+2	@ @ +	-1
25 YEARS OLD	+10	@ * *	+10

**FIG. 107C**

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+15
	+5	* + +	+3
	-5	@ * @	-8

**FIG. 107D**

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+40
	+3	* / *	+10
CHINESE CUISINE	+7	% & %	+25
	+3	% % %	+20
	-4	\$ \$ \$	-5

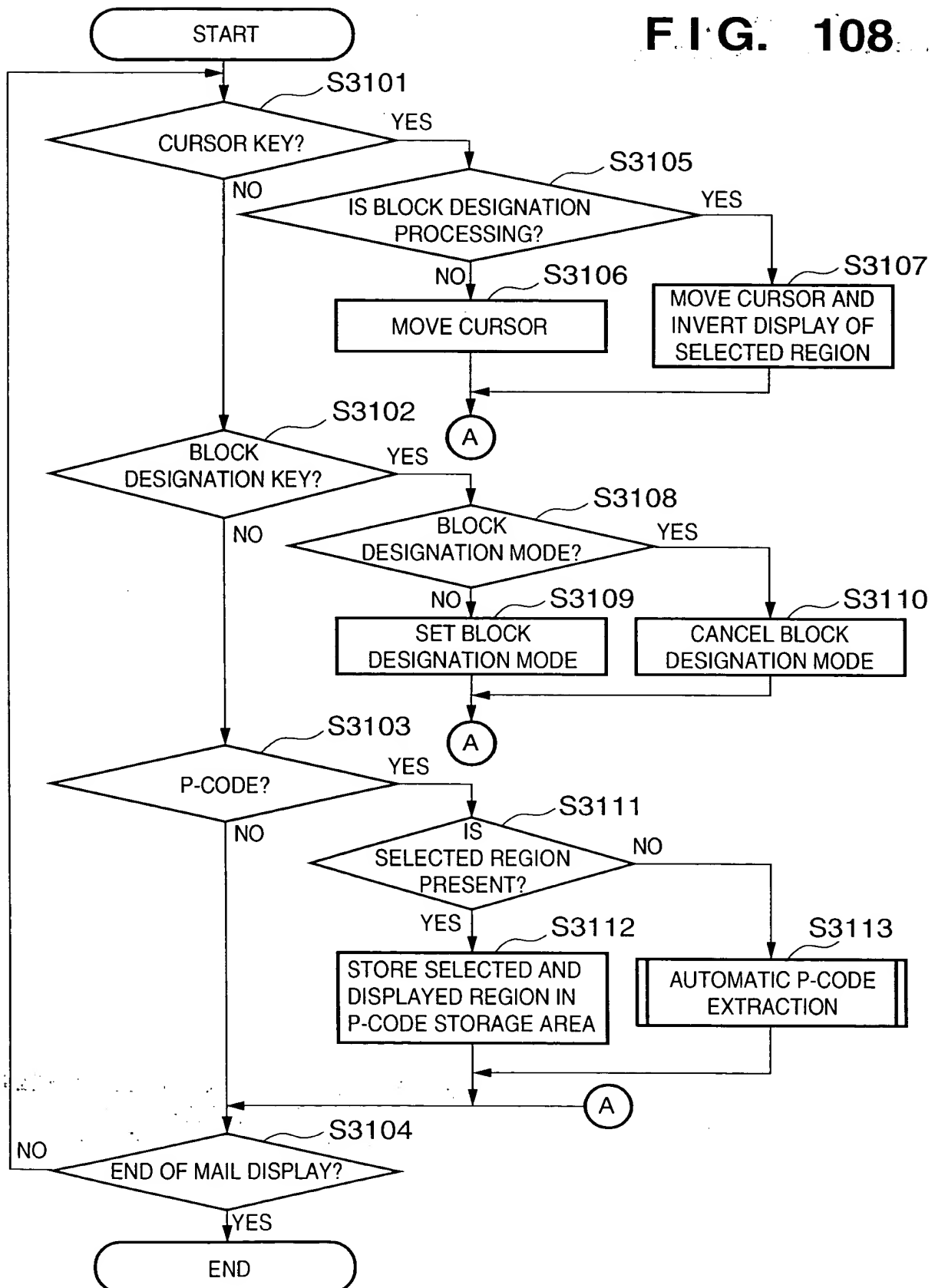
**FIG. 107E**

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	-2	* * &	+4
	+1	+ & +	-5
KANAGAWA	+2	\$ - -	+10
	-2	+ - &	-1
	+1	* - \$	-5

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## RECEPTION OF MAIL AND DISPLAY OF CONTENTS OF MAIL

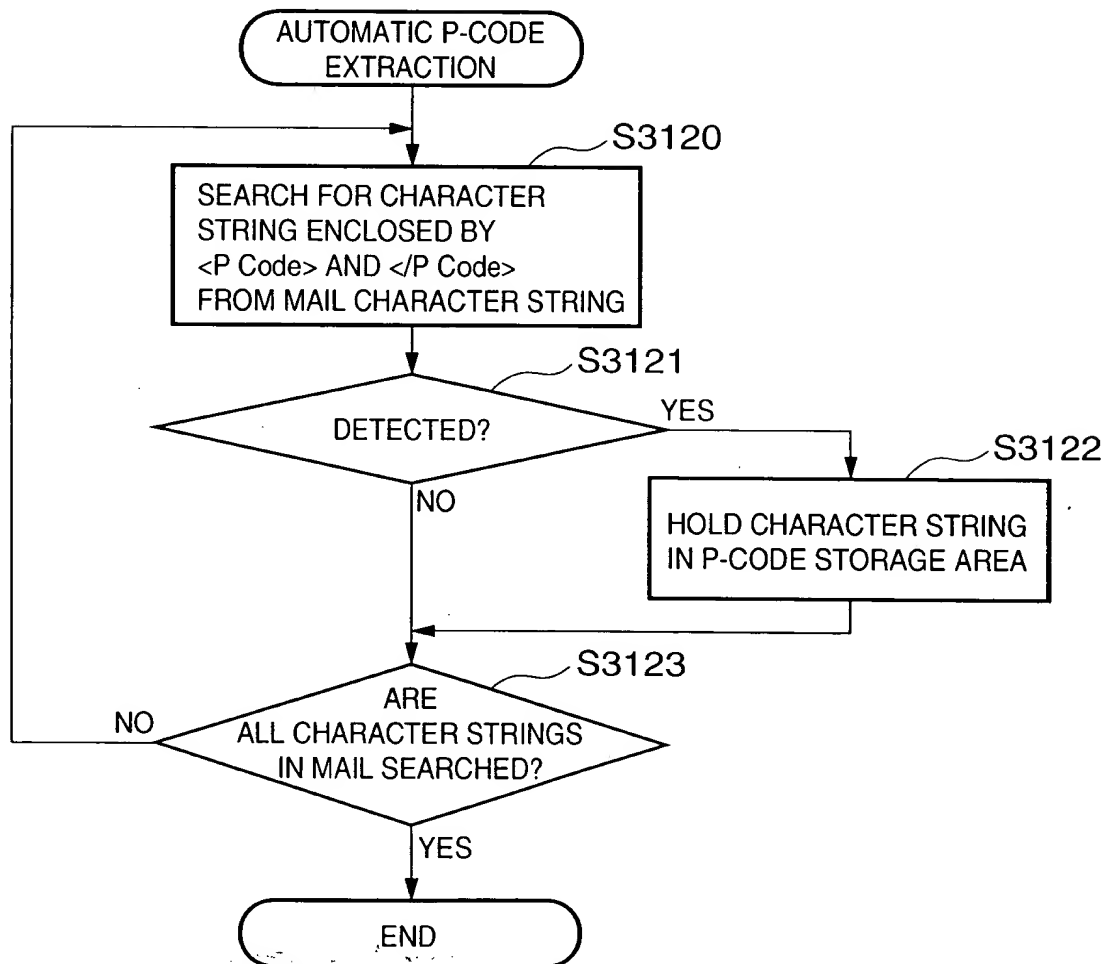
FIG. 108



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## FIG. 109

MAIL UNDER DISPLAY AND AUTOMATIC P-CODE EXTRACTION



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P-CODE TRANSMISSION FUNCTION

< INITIAL WINDOW STATE >

FIG. 110

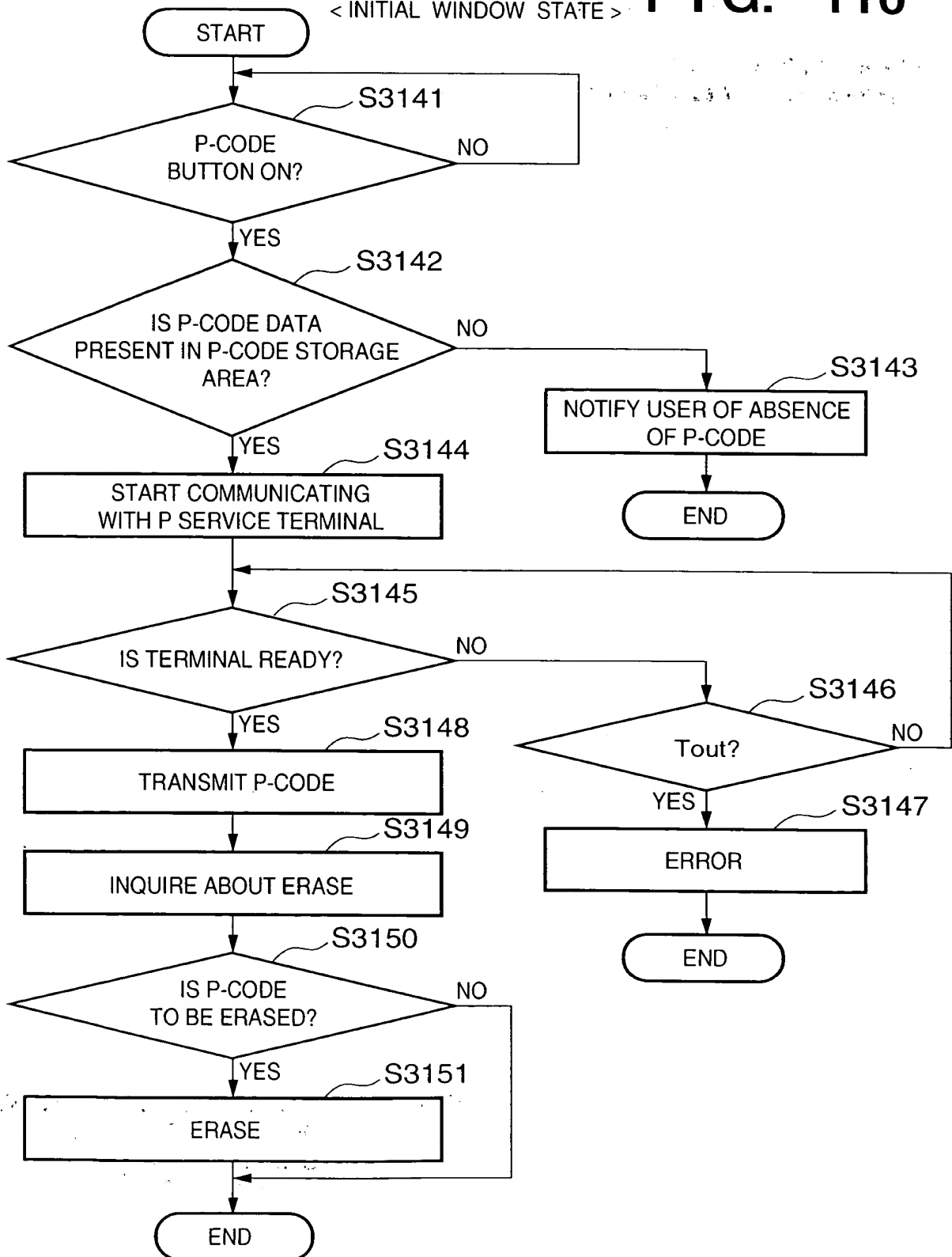


FIG. 111

